



University of Illinois



GUIDE TO

Audio-Visual Aids

1954-1955



Division of University Extension

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CHURCHES
COMMUNITY
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1954-1955 Guide to

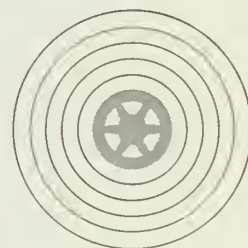
Audio - Visual Aids

University of Illinois • Division of University Extension

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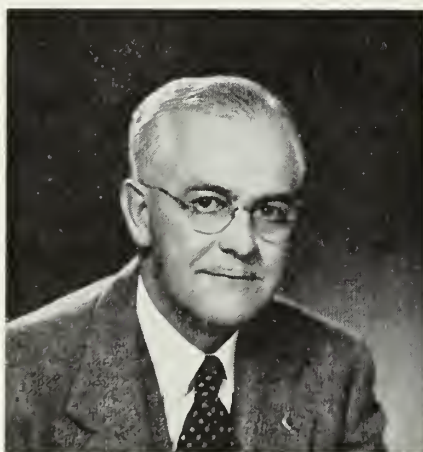
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Robert B. Browne, DEAN OF EXTENSION

The Audio-Visual Aids Service was established in 1932, as a means of furthering the use of such aids in reinforcing the instructional programs of the schools of Illinois. This was at a time when the movement for using such aids was in its infancy. It resulted from requests by the school people themselves, who asked the University to create a lending library of educational films, slides, and recordings. The University entered upon this program with no intention of making a profit, but of using any receipts above operation costs for the enlargement of the collection and the strengthening of the Service; this we have done and will continue to do. The response, through the years, on the part of the school people has resulted in the first of such libraries in Illinois being the largest, and, I believe, the one of greatest usefulness.

Modern education is not limited to the schools alone, and the public libraries have become great borrowers of the Service, through the cooperation of the Illinois State Library. So, too, have adult education groups.

Mr. Smith and the members of the staff of the Service work very hard, indeed, to meet all the calls promptly and efficiently; and we are pleased by the ready willingness of most everyone to understand why booking requests cannot always be filled just as requested. The per cent of requests that are filled is very high.

I want to thank the many users of the Service who, unsolicited, have written me of their satisfaction with the Service.

All of us in the business of education must remain alert to discover the ways of using new tools in teaching and learning, so as to put them to their greatest usefulness. All of us have much yet to learn, but the motion picture, the recording, and other modern aids have demonstrated their values beyond dispute when properly used. Like the automobile, they are here to stay.

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Special Information

The films in this catalog may be secured free of charge (except postage) *for non-classroom use only* by community groups in Illinois upon application at local public libraries, or direct to the Illinois State Library, Springfield, Illinois.

Any out-of-state group may use the films at the regular service charges. Application should be made directly to Audio-Visual Aids Service, 203 Arcade Building, Champaign, Illinois.

To facilitate ease in the handling of accounts, the Accounting Department has asked us to make the following request of our patrons: If you order films only occasionally, and the amount of the individual order is under five dollars, please submit the correct amount of service charges with the order. Please be sure to include postage and insur-

ance charges in accordance with the rate schedule in the section on *General Instructions*.

SPECIAL PROGRAMS

The special programs service of the Audio-Visual Aids Service will assist anyone planning to use films or slides for a meeting. An experienced Special Programs Consultant will advise in choosing films, getting equipment, and preparing program notes.

SCHOOLS

We will help arrange special programs for assemblies, school club meetings, or a planned series of educational films.

COMMUNITY GROUPS

Program chairmen of service clubs will find the Program Consultant ready to assist them in planning either a single program or a series, based upon films, slides, or transcriptions.

SUGGESTIONS

The Audio-Visual Aids Service welcomes comments from the users of its service. Would you suggest:

1. New audio-visual materials which should be added to the loan collections?
2. Additional bibliographies and film lists which should be prepared?
3. Changes in the Index classifications for films?
4. Any other changes?

PUBLICATIONS

The following books and magazines are recommended for reference.

- Dale, *Audio-Visual Methods in Teaching*. New York: Dryden Press, 1947.
- Hoban, Hoban, and Zisman, *Visualizing the Curriculum*. New York: Dryden Press, 1939.
- McKown and Roberts, *Audio-Visual Aids to Instruction*. New York: McGraw-Hill Book Company, 1942.
- Blair, *Making Films Work for Your Community*. New York: Educational Film Library Association, 1600 Broadway.
- Haas and Packer, *Preparation and Use of Visual Aids*. New York: Prentice-Hall, 1946.
- National Society for the Study of Education, *Audio-Visual Materials of Instruction, 48th Yearbook*, Part I, 1948.

MAGAZINES

- Educational Screen*, 64 East Lake Street, Chicago, Illinois.
- See and Hear*, 812 N. Dearborn, Chicago, Illinois.
- Audio-Visual Guide*, 172 Renner Avenue, Newark, New Jersey.
- Film News*, 15 West 38th Street, New York, New York.
- Film World*, 6060 Sunset Boulevard, Hollywood, California.
- Hollywood Film Quarterly*, University of California, 350 Royce Hall, University of California at Los Angeles, Los Angeles, California.

- News Letter*, Bureau of Educational Research, Ohio State University, Columbus, Ohio. (Free)
- Film Counselor*, Film Council of America, 6 West Ontario, Chicago, Illinois.

ORGANIZATIONS

- Film Council of America*, 6 West Ontario Street, Chicago, Illinois.
- American Library Association, Film Project*, 1600 Broadway, New York, N. Y.
- Department of Audio-Visual Instruction*, National Education Association, 1201 Sixteenth Street N. W., Washington, D. C.
- Educational Film Library Association*, 1600 Broadway, New York, N. Y.

TIPS ON FILM CARE

The following tips on film care will help prolong the life of films and will make it possible to give better service to all patrons.

1. Clean projector film gate and all moving parts with which the film comes in contact before threading projector. Most film damage occurs because of scratching during projection.
2. Do not use sound films on a silent projector.
3. Turn some of the film through by hand (or with short starts) to check threading and to insure proper operation before running the film.
4. Let your fingers ride lightly on the film occasionally as it passes through the projector. If unusual noise or punctures in the film develop, stop projector immediately and re-thread.
5. Stay by projector at all times when film is being projected.
6. If film breaks occur, return film with explanatory note which indicates section in which damage occurs. Under no circumstances should film be patched with pins, tape, or other materials.
7. Keep films away from excessive heat or moisture.
8. Do not splice films together to provide continuous shows. If this service is desired, make the request at the time film is booked.

General Information

DEVELOPMENT OF THE SERVICE

The Audio-Visual Aids Service began in 1932, as a depository for a few schools exchanging films cooperatively. The entire area occupied by the service was a cloak room in University High School. In the fall of 1934 it became a part of the Division of University Extension. Within the next three years the Audio-Visual Aids Service had a rapid growth. As the cooperative arrangement and organization was suited to the use of only a few schools, it could not handle many additional patrons satisfactorily. Beginning in the fall of 1937 this cooperative feature was discontinued and film service was offered to schools on a rental plan which has proved more satisfactory to all concerned.

Since then, as a part of the Division of University Extension, and with the cooperation of hundreds of schools in Illinois and elsewhere, the Audio-Visual Aids Service has grown until it has become one of the largest film libraries in the United States.

One interesting way of summarizing this growth

might be a look at a single statistical item: during the 1952-1953 school year, it took over 75 gallons of glue simply to stick address labels on film shipments.

In addition to being a depository of 16mm motion picture films, the Audio-Visual Aids Service is also a convenient source of information about the utilization and acquisition of the newer teaching devices. Recently, the service inaugurated a library of tape recordings. A listing of the titles of master tapes available for reproduction is included in this Guide. When patrons wish to take advantage of this service, they send a blank tape to the Audio-Visual Aids Service, specifying which master tape they wish to have reproduced. The master tape is recorded on the blank and the tape returned to the patron. A nominal service charge of one dollar is made for each fifteen minutes of recording. For further information see the *Tapes for Teaching* section of this Guide.

We look forward to a continuation of the many pleasant associations we have had with schools, with civic organizations, and with just people.

KIND AND SIZE OF FILMS DISTRIBUTED

All films are of the 16mm dimension. Most film subjects are on 16 mm sound film. However, there are some several hundred 16mm silent films available.

All films loaned by the Audio-Visual Aids Service are on cellulose acetate base which means the films are non-inflammable. Both color films and black and white films may be had on loan. Sound films cannot be used on a silent projector.

HOW FILMS MAY BE ORDERED

Films may be ordered by mail, phone, telegraph or in person. Order blanks for convenience in ordering films have been prepared by the Service. The blanks may be had on request.

Here are some suggestions which, if observed, will enable the Audio-Visual Aids Service to handle your order expeditiously.

1. Order films, transcriptions, and tapes by the titles as they appear in our catalog. In the case of films indicate whether you want sound or silent, color or black and white films as sometimes the same title may be had in both versions.
2. If you have alternate dates on which you can use the film or films, be sure to indicate them.
3. Indicate clearly how long you want to use the film or films.
4. Order films under one name where possible. For example, several teachers in the same building or in several buildings of the same system might order all their films under the principal's or the superintendent's name or the name of the director of teaching materials.

In general, films should be ordered as far in advance of the precise date of use as is possible. However, since we have a number of copies of many subjects, short notice requests are acknowledged promptly if at all possible.

WHO MAY RECEIVE FILM SERVICE

Any school — public, private, or parochial — in the continental United States is eligible to receive films on loan from the University, as well as any organization, church, club, union, or business in

the continental United States. (For a special arrangement regarding groups in Illinois *only*, see note on page 7.

The films marked "TFC, Restricted to Classroom Use" are leased by the University and under the terms of the lease the films may be loaned only where they will be used as a part of regular instruction. The cuttings from film classics based on literary classics (David Copperfield, Huckleberry Finn, etc.) can be loaned only for classroom use.

USE OF PRODUCERS FILM GUIDES

Guides are shipped with films in some instances. The Audio-Visual Aids Service recommends that each school purchase the film guides wanted by the teachers direct from the film producer. The Audio-Visual Aids Service will gladly supply information to anyone as to availability of guides, names and addresses of producers and estimated costs of guides.

GENERAL REGULATIONS

1. Films and radio transcriptions are scheduled for one day's use only, unless a request is made for the use of the materials for a longer period of time. *Please note that materials may be ordered for one week without extra charge.* When permission is granted to hold films or radio transcriptions longer than one week, a fee for extra day's usage is charged in accordance with the extra day charge scale appearing on the next page.

2. All materials should be returned immediately after scheduled showing. Materials kept longer than the allotted time cause the Service embarrassment and the next patron inconvenience. Films or radio transcriptions kept overtime are charged for at the regular single rental rates. Patrons are requested to give particular attention to the return of materials that may be in their possession on or immediately before holidays.

3. Patrons are urged to be considerate of cancellations. Anticipation of scheduled holidays and careful planning of classroom work will help us to avoid withdrawing films from circulation for showing dates which will not be utilized by the patron booking the film. Cancellation cannot be made after the shipment has left the Audio-Visual Aids

Service. All films which are reserved by telephone and not called for on the date specified will be charged as usual unless prior arrangement is made for cancellation.

4. Return shipping labels are sent with all shipments. Patrons are required to use these labels in returning materials to the Audio-Visual Aids Service.

5. The patron is responsible for materials from the time such materials arrive until their return to the Audio-Visual Aids Service. The Service inspects all films by hand immediately after their return and maintains a record of the condition as received forwarded to the next patron. Should any instance occur, however, where material is damaged when received by the patron a report should be made immediately to the Audio-Visual Aids Service. Lost films will be charged to the patron at the rate of actual cost of replacement.

PRACTICE FILMS

Visual Aids will furnish free practice films that you may use in training operators. There will be no charge other than transportation.

SERVICE CHARGES

This publication brings a somewhat radical change in the service charge schedules of films available from the Audio-Visual Aids Service. We have decided to do two things: (1) to make a considerable reduction in service charges, and (2) to establish flat rates for films, depending on length, and whether the film is in color or black-and-white. In the majority of cases, this reduction is 50% or more.

The standard flat-rate charges are as follows:

400 ft. B & W film	\$1.25	per week	
800 ft. B & W film	2.00	" "	
1200 ft. B & W film	3.00	" "	
1600 ft. B & W film	4.00	" "	

400 ft. Color film	2.25	" "	
800 ft. " "	3.00	" "	
1200 ft. " "	4.00	" "	
1600 ft. " "	5.00	" "	

In the case of films longer than 1600 feet, the additional service charge will be \$1.00 for each reel (400 ft.) in the case of black and white and

\$2.00 per reel in the case of color. Please note that all rates are for *one week's use*.

We have made one additional change. In the past, our film discount and our insurance plan have been confusing to many patrons and have involved considerable expense and time because of book-keeping problems.

In the matter of the discount plan, we feel that the tremendous across-the-board reduction we have made in service charges should reduce film usage costs to the point where a discount plan would be superfluous.

In the matter of insurance, we are inaugurating a per-shipment postage and insurance plan. Under this plan, a flat charge will be made on each shipment to cover postage and insurance. The amount of this charge will be regulated by the value of the shipment.

If the total service fees on the shipment are \$1.25 the Postage and Insurance fee is \$.50.

If Fees Total	Postage and Insurance Charges
\$2.00 to \$2.99	\$0.75
3.00 to 3.99	1.00
4.00 or Over	1.25

We must, of course, reserve the right to combine shipments according to our own best judgment, in order to facilitate handling.

EXTRA DAY CHARGES

Charges for extra day's use beyond the basic one week period will be as follows:

Service Charge	Charge Per Day
\$2.50 and under	\$.50
\$2.51 to \$4.00	1.00
Over \$4.00	1.50

CLUB PLANS

Audio-Visual Aids Service is this year inaugurating club plans. We will furnish members of club plans with 100 reels of B & W film or 50 reels of Color film for \$100.00. *These fees are payable in advance.*

In club plans, the standard practices of producers will be followed; that of considering each 400 ft. film as one reel. An 800 ft. film will be considered two reels, 1200 ft. three reels, and 1600 ft. four reels.

Postage and insurance rates on the club plans will be paid by members. Postage and insurance will be \$0.27 for the first 400 feet of film and \$0.08 for each additional 400 feet.

POLICY ON LATE RETURNS

Our shipping department has instructions to ship all materials at least one day ahead of scheduled shipping dates. In the event some materials are held overtime by previous users, we will not cancel the order completely but will send the materials late to the next patron. Use dates are to be changed on the order and *plenty of time is to be allowed the next patron to make adequate use of the material.*

In this way, we hope to better serve our patrons. If complete cancellations are made, patrons are disappointed when it is then found that subjects are not available when reordered.

If the materials sent to you are too late to be of use, please *return them with a letter explaining* that they could not be used. Charges will then be cancelled. We will of course not send materials late when they are for specific program dates.

SHOULD FILMS BE RETURNED BY PARCEL POST OR EXPRESS?

Parcel post charges for transporting films are much less than express charges. However, there is often some local reason which leads a patron to request that all shipments to and from the patron be made by express. All transportation charges are at the expense of the borrower.

INDEX TO ABBREVIATIONS

Film descriptions given in the Alphabetical

Index beginning on page 95 employ standard abbreviations as follows:

general — Suitable for general audience use

p — Suitable for primary grades

i — Suitable for elementary school use

j — Suitable for junior high school use

h — Suitable for senior high school use

c — Suitable for college or university use

a — Suitable for use with adults

\$0.00 — Indicates the service fee for use of the film. See section dealing with terms of use and fees for further information.

HOW TO READ FILM DESCRIPTIONS

The film descriptions beginning on page 95 take the following form:

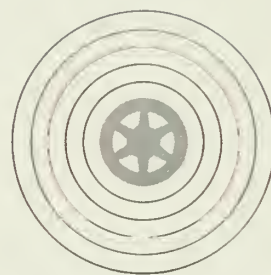
GOOD SAMARITAN (RFA)

The parable of Jesus, enacted by puppets, and adapted for children. **p-i-j 14 minutes \$2.50**

The abbreviation following the title of the film refers to the producer and a listing giving the full name of the producer is found on page 425. If the film is in color or restricted to classroom use, it is so noted immediately after the abbreviation for the producer.

The index to abbreviations listed in the preceding section refers to the audience of a particular film. These abbreviations are found in the bold line at the end of the listing, preceding the length of the film. In choosing a film, these audience abbreviations should be closely checked to be sure that the film will appeal to the correct audience level.

Classified Index of Films



(X) INDICATES SILENT FILM

AERODYNAMICS: See **PHYSICS, Mechanics**

AFRICA

- African Big Game
- Backward Civilization
- Challenge in Nigeria
- Desert Nomads
- Diamonds in the Rough
- Egypt, Kingdom of the Nile
- Hausa Village
- Here Is the Gold Coast
- Italian Libya
- Jungle Yachts in the Belgian Congo
- Les Perles du Djerid
- Life in Hot, Wet Regions
- Mediterranean Africa
- Moroccan Outpost
- People of the Congo
- Pygmies of Africa
- Riches of the Veldt
- Watussi of Africa
- Wild Life in Africa

AGRICULTURE

Agricultural Economics

- Atom and Agriculture
- Big Harvest
- Borax from Desert to Farm
- Bread and Wine
- Cattle and the Corn Belt — Midwest U.S.A.
- Crop That Never Fails, The
- Distributing America's Goods
- Forgotten Victory
- Fruits, Vegetables, and Cooperation
- Golden Harvest
- Green Dollars
- Heaven with a Fence Around It
- It Takes Everybody to Build This Land
- Magic in Agriculture
- Pig Projects Make Profits
- Pineways to Profits
- Production of Foods
- Sign of Dependable Credit
- Tale in a Teacup
- To Market, to Market
- Veterans and the Land
- World of Plenty

Agricultural Engineering

- Farm Tractor Care
- Farm Tractor Safety
- Farm Sewage Disposal System
- Lubrication
- Mr. Farmer Builds a Septic Tank
- Old MacDonald Had a Farm
- On the Level
- Reconditioning a Cultivator

- Reconditioning a Grain Drill
- Reconditioning a Mower
- Reconditioning a Two-Bottom Tractor Plow
- Riding the Film
- Soft Pedal
- War on Wear
- Yesterday and Today
- See also: **ENGINES**

Animal Husbandry

- Battling Brucellosis
- Cattleman, The
- Day at the Fair
- Do unto Animals
- Feeding Farm Animals
- Golden Fleece
- Horse Raising
- Horses and Bots (X)
- How to Grow Hogs
- Life Cycle of *Trichinella Spiralis* (X)
- Livestock and Mankind
- Lone Star Roundup
- Meat for America
- Morning Star
- Our Foster Mother, the Cow
- Outbreak
- Pig Projects Make Profits
- Pork on the Farm
- Production of Food
- Puppy Trouble
- Save More Lambs
- Sheep Shearing
- Tailor-Made Sheep
- Three More Little Pigs Go to Market
- Today's Chicks
- Tuberculosis in Poultry and Swine

Beekeeping

- City of Wax
- Honeybee
- Honeymakers (X)

Comparative Agriculture

- Arid Southwest, The (X)
- Bounteous Earth
- Brazil
- Brazil I (X)
- Cattleman, The
- Chilean Hacienda
- Egypt, Kingdom of the Nile
- Farmer-Fisherman (Norway)
- Farmers of Japan
- Farmers of the Andes
- Fundo in Chile
- General Agriculture
- Grain That Built a Hemisphere
- Grassland
- High Plain

AGRICULTURE (continued)

Irrigation Farming
 Life in Hot, Dry Lands
 Life in the Central Valley of California
 Life on a French Farm
 Malays of Sumatra (X)
 Meat for America
 Mexico, Our Neighbor (X)
 Nation's Search for Grass
 New Way of Farming
 Norwegian Children — Farming on a Fjord
 Orange Grower
 People of Mexico
 Peru
 Plantation in Peru
 Rio Grande (X)
 Rural Life in Mexico
 Sugar Cane
 Tar Heel Family
 Truck Farmer
 Watussi of Africa
 Weather Wizards
 Wheat Farmer
 Yesterday and Today

Dairy Husbandry

Battling Brucellosis
 Dairy Farm
 Dairy Industry
 Goats
 John Martin and Son
 Milk
 More Milk
 Quality Milk Production
 Quality Milk with Less Labor
 We Make Butter

Electrification

Bob Marshall Comes Home
 Home Electrical Appliances
 Power and the Land

Farm Life

Autumn on the Farm
 Bill Gormen — 12-Year-Old Business Man
 Block That Termite
 Cattleman, The
 Chilean Hacienda
 Corn Farmer
 Crop That Never Fails
 Curing Pork Country Style
 Day at the Fair
 Farm, The (X)
 Farm Life in Wartime
 Farmers at War
 General Agriculture
 Grow Your Own
 New Ways in Farming

Old MacDonald Had a Farm
 Orange Grower
 Over the Rainbow
 Patterns of American Rural Art
 Pig Tales
 Science and Agriculture
 Spring on the Farm
 Summer on the Farm
 Teen Age Farm Hand
 Telephone and the Farmer
 Truck Farmer
 Veterans and the Land
 Wheat Farmer, The
 Winter on the Farm
 Yesterday and Today

Farm Safety

Farm Tractor Safety
 Home Safe Home
 More Dangerous Than Dynamite

Floriculture

Blooming Desert (X)
 Flowers at Work
 From Flower to Fruit (X)
 Growth of Flowers
 Plant Growth
 Tournament of Roses (X)

Forestry

Arteries of Life
 Block That Termite
 Conservation of Nations
 Everyman's Empire
 Felling Forest Giants (X)
 Fire Weather
 Forest and Conservation
 Forest and Forest Industry
 Forest Conservation
 Forest Grows
 Forest Produces
 Forest Ranger
 Frying Pan and the Fire, The
 Leaves
 Ocala
 Operation of a Forest Nursery
 Paper Making
 Pilgrim Forest
 Pineways to Profits
 Redwood Saga (X)
 River, The
 Science and Wood Utilization
 Seasonal Changes in Trees
 Strength of the Hills
 Then It Happened
 Tree of Life
 Trees for Tomorrow
 Trees to Tame the Wind

Use of Forests
 White Pine Blister Rust
 Wild Fowl Conservation

Gardening

Aphids
 Big Harvest
 Farm Garden
 Gardening
 Gardens of Victory
 Grow Your Own
 Plant Growth
 Saving the Garden Crop
 See also: SOILS AND CROPS

Poultry

Development of the Chick
 Eggs
 Let's Visit a Poultry Farm
 Poultry — The Billion Dollar Industry
 Poultry on the Farm
 Poultry Raising
 Red Hen, The
 Tuberculosis in Poultry and Swine
 Today's Chicks

Rural Youth

Blue Ribbon
 Day at the Fair
 Pig Projects Make Profits
 Truck Farmer

Services

At Your Command
 County Agents
 Meats with Approval
 Telephone and the Farmer
 Waves of Green

Soil Conservation

Adventures of Junior Raindrop
 Arteries of Life
 Building Low Cost Concrete Flume for Erosion Control
 Conservation of Natural Resources
 Cycle of Erosion (X)
 Deeper Acres
 Erosion
 Erosion by Wind and Water
 First in the Hearts of Farmers
 Food and Soil
 For Years to Come
 Forest and Conservation
 Grassland
 Greener Pastures
 Harvest for Tomorrow
 Heritage We Guard
 In Common Cause

Life of the Soil
 Masters of the Soil
 Muddy Waters
 Rain on the Plains
 Rape of Earth
 Rebuilding with Grass
 River, The
 Save the Soil
 Seeds of Destruction
 Soil Resources
 Stem Rust
 Strand Breaks, Part I
 Strand Breaks, Part II
 This Is Our Land
 Trees to Tame the Wind
 Water Lure
 Wearing Away of the Land
 Wetlands
 Work of Rivers
 Work of Running Water
 Yours Is the Land

Soils and Crops

Atom and Agriculture, The
 Big Harvest
 Birth of the Soil
 Blessings of Grass
 Borax from Desert to Farm
 Corn (X)
 Corn Farmer
 Dirt Cheap
 Erosion
 European Corn Borer
 First in the Hearts of Farmers
 Food and Soil
 Food, Fiber, and the Future
 Food from Our Garden
 Forgotten Victory
 Formation of Soil (X)
 Gift of Green
 Grassland
 Harvest for Tomorrow
 Hay Is What You Make It
 Haying Time
 How to Pick Tomatoes (X)
 In the Clover
 Irrigation Farming
 Life of the Soil
 Lifeblood of the Land
 Magic of Agriculture
 Masters of the Soil
 Orange Grower
 Permanent Soil Improvement
 Plant Growth
 Plant Speaks Through Deficiency Symptoms
 Plant Speaks Through Leaf Analysis
 Plant Speaks Through Soil Tests

AGRICULTURE (continued)

- Plant Speaks Through Tissue Tests
- Pork on the Farm
- Potash Production in Agriculture
- Potash Production in America
- Production of Food
- Save That Soil
- Save the Soil
- Science and Agriculture
- Soil Resources
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 Candle Making
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 Lafayette, Champion of Liberty
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 Language of Drawing
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 Capitalism
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 Distribution of America's Goods
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 Mint, The
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 Better Work
 New York, Story of a City
 Productivity: Key to Plenty
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This Is Ecuador

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American Public Education Series: Design of
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 As Our Boyhood Is
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 Good Speech for Gary
 Guidance Problems for School and Home
 Helping Children Discover Arithmetic
 High School: Your Challenge
 Horace Mann
 How to Develop Interest
 How to Find the Answer — Mathematical
 Problem Solving
 How to Get Cooperation
 How to Judge Facts
 How to Observe
 How to Read a Book
 How to Remember
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 How to Think
 How to Write Your Term Paper
 Human Beginnings
 Illinois Plan for Exceptional Children
 Importance of Goals
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Instructional Films
 Introduction to Student Teaching
 It's All Yours
 Know Your Library
 Last Lesson, The
 Learning to Understand Children, I and II
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 Liberal Education
 Maintaining Classroom Discipline
 Making the Most of School
 Maps Are Fun
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 New Tools for Learning
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 Preparation of Teachers
 Principles of the Art and Science of Teaching
 School Activities and You
 School Days in Japan
 School in Centerville
 School in Cologne
 Schoolhouse in the Red
 Schools of Mexico
 Schools to the South
 Scottish Universities
 Secure the Blessings
 Spelling Is Easy
 Teaching Materials Center
 Teacher As Observer and Guide
 Teamwork
 Testing Intelligence with the Stanford-Binet
 Time to Spare
 Tips for Teachers
 Using the Classroom Film
 We Discover the Dictionary
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 Who Will Teach Your Child?
 Willie and the Mouse
 Year in America, A
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 Youth Builds a Symphony
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 Principles of Gas Filled Tubes
 Triode
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 Bicycling with Complete Safety
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 Care of the Skin
 Care of the Teeth (X)
 Cleanliness and Health
 Cowboy, The
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 Exercise and Health
 For Health and Happiness
 Fun on the Playground
 Fun that Builds Good Health
 How to Catch a Cold
 I Never Catch a Cold
 It Doesn't Hurt
 Joan Avoids a Cold
 Kids Must Eat
 Milk
 Once Upon a Time
 Our Foster Mother, the Cow
 Pirro and the Blackboard
 Posture (X)
 Safe Living at School
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Literature

Alice in Wonderland
 Bean Stalk Jack
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 Hansel and Gretel (X)
 Jack and the Beanstalk
 Rumpelstiltskin
 Sleeping Beauty
 Thirsting Stones
 Three Fox Fables
 Three Wishes

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 Decimals Are Easy
 Division Is Easy
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 Parts of Things
 Subtraction Is Easy
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 Adventures of Willie Skunk
 Animal Babies
 Animals in Modern Life
 Animals in Water
 Animals of the Zoo
 Animals Unlimited
 Ants (X)
 Autumn on the Farm
 Baby Beavers (X)
 Baby Songbirds at Mealtime (X)
 Beach and Sea Animals
 Beavers (X)
 Beneath Our Feet
 Beneath the Sea
 Bird Homes (X)
 Birds in Winter
 Birds of North America, Parts I, II, III, IV,
 and V (X)
 Birds of Prey
 Birds of the Countryside
 Birds of the Dooryard
 Birds of the Inland Waterways
 Birds of the Marshes
 Birds of Woodlands
 Black Bear Twins
 Bobolink and Bluejay
 Br'er Rabbit and His Pals (X)
 Bushland Revels
 Chucky Lou — Story of a Woodchuck
 Circus Wakes Up, A
 City of Wax
 Common Animals of the Woods
 Elephants
 Farm Animals
 Five Colorful Birds
 Friends of the Air
 Frog
 Giants of the Jungle
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 Grey Owl's Little Brother
 Honeybees
 Honeymaker (X)
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How Birds Feed Their Young (X)
 How Do You Zoo?
 How Nature Protects Animals
 Know Your Birds (X)
 Let's Catch Reptiles
 Let's Look at Animals
 Let's Visit a Poultry Farm
 Life Along the Waterways
 Live Teddy Bears
 Man's Greatest Friend
 Moths
 Pond Insects
 Pond Life
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 Sandy Steps Out
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 Songbirds of the North Woods
 Spring on the Farm
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 Teddy Bears at Play
 Three Little Kittens
 Thrushes and Relatives
 Tiny Water Animals
 Tommy the Lion
 Two Little Raccoons
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Science: Earth

Air All Around Us
 Blow Wind Blow
 Death Valley (X)
 Earth and Its Seasons
 Earth in Motion
 How We Get Our Power
 Light and Shadow
 Pirro and the Magnet
 Pirro and the Thermometer
 Seasons of the Year
 Shore Deposits (X)
 Shore Line and Shore Development (X)
 Spring on the Farm
 Summer on the Farm
 What Is Soil?
 What Makes Night and Day?
 Winter on the Farm

Science: Plant Life

Flowers at Work
 Fungus Plants
 Plant Growth
 Plant Traps
 Seed Dispersal
 Spring on the Farm
 Summer on the Farm
 Winter on the Farm

Social Studies

Am I Trustworthy
 Animal Land
 Arteries of the City
 Birthday Party
 Children's Airport Excursion (X)
 Circus Day
 City Water Supply
 Conservation of Natural Resources
 Dangerous Stranger
 Day at the Fair
 Easter Season, The
 English Children
 French Children
 Golden Axe
 Hacienda Life
 Here Comes the Circus
 Ice Cream
 Irish Children
 Listen Well, Learn Well
 Our Earth
 People of Hawaii
 Picturesque Poland
 Pirro and the Telephone
 Policeman, The
 Problems in Housing
 Skipper Learns a Lesson
 Tippy the Town Dog
 Tugboats
 Water Power
 Wool
 Your Family

World Living Changes

Airliner, The
 Airplane Changes the World Map
 Airplane Trip, An
 Airplanes
 Animals in Modern Life
 Arts and Crafts of Mexico
 Building a Highway
 Conservation of Natural Resources
 Development of Transportation
 Fred and Billy Take an Airplane Ride
 How We Get Our Power
 Man Against Microbe
 Story of Elias Howe

Studies About Communication (X)

Yesterday and Today

See also films in general PRIMARY listing, and films under general subject classification desired.

ELIAS HOWE

Story of Elias Howe

EMBRYOLOGY

In the Beginning

Reproduction Among Mammals

See also: BIOLOGY; ZOOLOGY

EMOTIONS

Act Your Age

Control Your Emotions

Emotional Health

Understanding Your Emotions

EMPLOYMENT: See **ECONOMICS; VOCATIONS**

ENDOCRINE

Endocrine Glands

ENGINEERING

Architectural Engineering

Architectural Engineering

Chemical Engineering

Alloy Steels

Chemistry in a Changing World

Drama of Steel

Evolution of the Oil Industry

Highlights and Shadows

Magnesium-Metal from the Sea

Manufactured Abrasives

Nickel Milling and Smelting

Nickel Refining

Petroleum and Its Uses

Sand and Flame

Story of a Storage Battery

Sulphur Synthetic Rubber

This Is Aluminum

Tin from Bolivia

Civil Engineering

Building a House

Building America's Houses

Energy in Our Rivers

Jet Propulsion

Slide Rule

Water Power

Electrical Engineering

Electrochemistry

Electrodynamics

Electrostatics

Elements of Electrical Circuits

Energy and Its Transformation

Energy in Our Rivers

Introduction to Electricity

Magnets

Primary Cell, The

Sending Radio Messages

Series and Parallel Circuits

Sound Recording and Reproduction

Sound Waves and Their Sources

Vacuum Tubes

Water Power

Engineering Drawing

According to Plan: Introduction to Engineering Drawing

Auxiliary Views: Part I

Auxiliary Views: Part II

Draftsman

Drawings and the Shop

Lines and Angles

Orthographic Projection

Principles of Scale Drawing

Sections and Conventions

Selection of Dimensions

Industrial Engineering

Industrial Organization and Management Series:

Improving the Job

Industrial Purchasing

Internal Organization

Job Evaluation

Maintaining Quality Standards

Materials Control

Methods Analysis

Physical Facilities

Product Development

Quality Control

Risk and Forecasting

Statistical Quality Control: Acceptance

Sampling

Statistical Quality Control: Process Control

Working Together

Mechanical Engineering

American Miracle, An

Diesel, The Modern Power

Energy and Its Transformation

Fuels and Heat

Machine Maker

Micrometer, The

Steam Power

ENGINES (Gas, Oil, and Steam)

ABC of the Automobile Engine

ABC of the Diesel Engine

Diesel, The Modern Power

ENGINES (Gas, Oil, and Steam) (continued)

Free Air
 Fuels and Heat
 Long Road, The
 Lubrication
 Smooth Starts
 Steam Locomotive
 Technical Film No. 1, 3, 4, 6, 12 and 14 (X)
 See also: OIL; RUBBER; SAFETY

ENGLAND: See BRITISH ISLES**ENGLISH LANGUAGE**

American Spoken Here
 Better Choice of Words
 Better Reading
 Build Your Vocabulary
 Discussion in Democracy
 Do Words Ever Fool You?
 How to Read a Book
 How to Read a Newspaper
 Improve Your Pronunciation
 Improve Your Reading
 Improve Your Spelling
 It's Fun to Read Books
 Let's Pronounce Well
 Let's Read Poetry
 Listen Well, Learn Well
 Look It Up
 Making Sense with Sentences
 Making Yourself Understood
 Punctuation — Mark Your Meaning
 Speech: Conducting a Meeting
 Speeding Your Reading
 Spelling Is Easy
 Streamline Your Reading
 Subject, Verb, Object (X)
 Watch That Quotation
 Ways to Better Conversation
 We Discover the Dictionary
 Who Makes Words?
 Why Can't Jimmy Read?
 Writing Better Business Letters
 Writing Better Social Letters

ENGLISH LITERATURE

Anthony and Cleopatra
 Briar Rose
 Captains Courageous (Race)
 Carol of Harvest
 Charles Dickens: Background for His Works
 Describing an Incident
 Good Job
 Great Expectations
 Greatest Gift, The
 Hawthorne and Whittier

Holmes, Emerson and Thoreau
 Jane Eyre
 Julius Caesar
 Lady of the Lake — Background for Literature
 Let's Read Poetry
 Literature Appreciation: English Lyrics
 Literature Appreciation: How to Read Poetry
 Longfellow and Lowell
 Macbeth
 Master Will Shakespeare
 Othello
 Romance of Robert Burns
 Sleeping Beauty
 Stories of Holland: Background for Reading
 William Rose Benet
 William Shakespeare: Background for His Works
 William Tell

EROSION: See AGRICULTURE, Soils and Crops; CONSERVATION; GEOLOGY**ESKIMO**

Eskimo Children
 Eskimo Hunters — Northwestern Alaska
 Eskimo Summer
 Eskimo (Winter in Western Alaska)
 Nanook of the North

ETIQUETTE

Are You Popular?
 Arranging the Buffet Supper
 Arranging the Tea Table
 By Jupiter
 Dinner Party and Dinner Party Review
 Johnny Learns His Manners
 Office Courtesy
 Office Etiquette
 Party Lines
 Table Manners
 Ways to Good Habits
 See also: SOCIAL AND PERSONAL BEHAVIOR

EUROPE

Factories, Mines and Waterways
 See also the name of country desired

EXPLORATION

Cortez (X)
 Discovery and Exploration
 Land of Liberty

EYES

Canine Eyes for the Blind
 Eyes, The (Advanced) (X)
 Eyes Bright

Eyes for Tomorrow
 How the Eye Functions
 How We See (X)
 See Better: Healthy Eyes
 Seeing Eye, The
 Seeing How You See (X)
 Your Children's Eyes

FABLES

Enchanted River
 Fox and the Rooster
 Hansel and Gretel
 Hare and the Tortoise, The
 Jack and the Bean Stalk
 King Midas and the Golden Touch
 Legend of Pied Piper
 Little Red Hen
 Paul Bunyon and the Blue Ox
 Princess and the Dragon
 Rapunzel
 Rumpelstiltskin
 Santa and the Fairy Snow Queen
 Sleeping Beauty
 Thirsting Stones
 Three Wishes

FAMILY RELATIONS

Appreciating Our Parents
 Baby Meets His Parents
 Baby Sitter
 Boy in Court
 Choosing Your Marriage Partner
 Criminal Is Born
 Date with Your Family, A
 Families First
 Family, The
 Family: An Approach to Peace
 Family Circles
 Family Life
 Family Life: Chance Date
 Family Life: Dad's Wish
 Family Life: Earning and Giving
 Family Life: Gang Raids the Orchard
 Family Life: Gift from Dad
 Family Life: Homer and the Kid Brother
 Family Life: Homer Starts to Work
 Family Life: Of Skates and Elephants
 Family Teamwork
 Farewell to Childhood
 Friendship Begins at Home
 Hindu Family
 Life with Junior
 Make Way for Youth
 Marriage and Divorce
 Meaning of Engagement
 Obligations
 Peiping Family

Planting Our Garden
 Salt of the Earth
 Sampan Family
 Sharing Work at Home
 You and Your Attitudes
 You and Your Family
 You and Your Parents
 Yours Truly, Ed Graham

FARM HOUSING

Better Farm Homes with Concrete
 Home Place

FARM MACHINERY: See AGRICULTURE,
 Agricultural Engineering

FEATURE FILMS: See DRAMA

FEET

Care of the Feet
 Educated Feet (X)
 Feet (X)
 Posture and Exercise

FERTILIZERS: See AGRICULTURE, Soils and
 Crops

FILMS

Facts About Films
 Film and You
 Film Tactics
 Making Films

FINLAND

Wings to Finland

FIRE

Before the Alarm
 Cause for Alarm
 Fire
 Fire and Your Hospital
 Fireman
 Fire Prevention (X)
 Fire Protection (X)
 Fire Safety (X)
 Frying Pan and the Fire
 Men of Fire
 More Dangerous Than Dynamite
 Then It Happened
 See also: CONSERVATION

FIRST AID

Accident Behavior
 Elementary Tactics of Life Saving
 Essentials of First Aid

FIRST AID (continued)

First Aid in the Prevention of Shock
 First Aid — Life Saving
 First Aid on the Spot
 First Steps in First Aid
 Help Wanted
 Temperature, Pulse, and Respiration

FISH AND FISHING

Alaska, Reservoir of Resources
 Alaska Tour
 Alaska's Salmon Fisheries
 Alaska's Silver Millions
 Biography of a Fish
 Coral Wonderland
 Crayfish
 Famous Fish I Have Met
 Farmer-Fisherman — Norway
 Field Trip to a Fish Hatchery
 Fishing Thrills
 How a Fishing People Live
 It's the Maine Sardine
 Life Cycle of a Trout
 Life in a Fishing Village
 Life in an Aquarium
 Lobstertown
 Magic Fish, The
 New England Fisheries — Cod (X)
 New England Fishermen
 Oysters (X)
 Rocky Mountain Trout
 Salmon Run
 Salmon Story
 Salt Water Wonderland
 Shell Fishing
 Sunfish
 These Fish Are Yours
 Underwater Adventure

FLAG

Flag Speaks, The
 Flags on Duty
 Our Country's Flag
 Pledge of Allegiance
 Song of a Nation
 Star Spangled Banner
 Story of Our Flag
 Story of the Star Spangled Banner (X)

FLIES

Housefly
 See also: INSECTS

FLOODS

Flood Weather
 TVA

FLOWERS

Dutch Tulip Girl (X)
 Flower Arrangements, No. I & II
 Flowers at Work
 From Flower to Fruit (X)
 Growth of Flowers
 How to Grow Dahlias
 How to Grow Gladioli
 How to Grow Iris
 How to Grow Roses
 Orchids
 Plant Growth
 Wild Flowers of Spring

FOLK SONGS

Ballad of the West
 Earth Sings
 Selected Negro Spirituals
 Selected Negro Work Songs
 Selected Songs of James A. Bland
 Selected Songs of Stephen Foster

FOOD PRESERVATIONS

Community Canning
 Curing Pork Country Style
 Food
 Freezing Fruits and Vegetables
 Imprisoned Freshness (X)
 New Romance of Glass
 Preserving Food
 Principles of Home Canning
 Saving the Garden Crop
 Treasures for the Making

FOODS AND NUTRITION

About Bananas (X)
 Alaska's Silver Millions
 And Then Ice Cream
 Animals in Modern Life
 Apples from Seedling to Market
 Baby Care: Feeding
 Behind the Cup
 Behind the Cup (X)
 Bread
 Bread Making
 Carbon-Oxygen Cycle (X)
 Coffee
 Community Canning
 Dates
 Digestion of Foods

Food and Soil
 Food for Thought
 Food Series — Vitamin B (X)
 Food Series — Vitamin D (X)
 Food that Builds Good Health
 Food: Weapon in War and Peace
 Foods and Nutrition
 For Health and Happiness
 Freezing Fruits and Vegetables
 Fundamentals of Diet
 Home Cookery of Fish
 How the Fires of the Body Are Fed (X)
 Ice Cream
 Kids Must Eat
 Know Your Foods
 Main Dish, The
 Man Who Missed His Breakfast
 Meat and Romance
 Meat for America
 Meat with Approval
 Menu Planning
 Milk
 Orange Grower, The
 Pineapple Culture
 Principles of Baking
 Principles of Cooking
 Principles of Home Canning
 Quality Milk Production
 Quicker Than You Think
 Rice and Health
 Selection of Fruits and Vegetables
 Something You Didn't Eat
 Story of Wheat
 Strange Hunger
 Treasures for the Making
 Triumph Without Drums
 Understanding Vitamins
 Vitamin-Wise
 What Makes Us Grow
 Wheat to Bread (X)
 World of Plenty
 Yes, Bananas
 Your Children's Meat

FOOTBALL: See SPORTS

FOREIGN LANGUAGE

Bellum Punicum Secundum
 Buenos Dias, Carmelita
 Chants Populaires No. 1
 Chants Populaires No. 2
 French Film Reader Series
 French for Beginners
 Introductory Lesson in Spanish, An
 La Familia Sanchez (Spanish Children in Spanish)
 Spanish, First Lesson

This Spanish Speaking World
 Un Viaje A Mejico
 Une Famille Bretonne
 Why Study Foreign Language

FORESTRY: See AGRICULTURE, Forestry; CONSERVATION; WOOD PRODUCTS

FORMOSA

Formosa

4-H CLUBS

4-H Camping in Western Illinois
 4-H Physical Fitness
 4-H Swimming
 4-H Tumbling
 Keeping Fit
 Truck Farmer

FRANCE

All Roads Lead to France
 Battle of France
 Face Behind the Mask
 Food for Paris Markets — France
 France: Background for Literature
 Freedom and Famine
 French Children
 French Film Reader Series
 King Without a Crown
 Last Lesson, The
 Les Miserables
 Les Perles du Djerdid
 Life in Paris
 Life on a French Farm
 Man on the Rock
 Modern France: The Land and Its People
 New France
 Paris 1900
 Tale of Two Cities
 Un Grand Verrier
 Wings to France

FRANKLIN DELANO ROOSEVELT

F.D.R.

FREEDOM OF THE PRESS

Price of Freedom
 Story That Couldn't Be Printed

FRENCH LANGUAGE

French Film Reader Series
 Les Perles du Djerdid
 Un Grand Verrier
 See also: FOREIGN LANGUAGE

FROGS

- Frog
- Frogs, Toads, and Salamanders (X)
- Life Cycle of the Frog

FRUITS: See FOODS

FUELS

- Fuels and Heat
- Gas for Home and Industry
- Our Common Fuels
- Story of Coal

FUNGI

- Fungus Plants
- Stem Rust — Airborne Enemy of Grain

FURNITURE

- Fine Art of Furniture Making
- Furniture Craftsman
- Furniture Making (X)

GALLUP POLL

- Gallup Poll

GARDENING

- Farm Garden
- Gardening
- Gardens for Victory
- How to Grow Dahlias
- How to Grow Gladioli
- How to Grow Iris
- How to Grow Roses
- Saving the Garden Crop

GASOLINE

- Gasoline's Amazing Molecules
- Long Road, The
- Story of Gasoline
- See also: PETROLEUM

GENERAL SCIENCE: See phase of science desired

GENETICS

- Heredity
- Heredity and Pre-Natal Development
- Human Reproduction
- In the Beginning
- Reproduction Among Mammals

GEOGRAPHY

- About Bananas (X)
- Airplane Changes the World Map
- Alaska — Reservoir of Resources

Aloha

- Americans All
- Arizona — Its Mineral Resources and Scenic Wonders
- Australia
- Australia Today
- Brazil
- British Isles, The
- Buenos Aires and Montevideo
- Building the Panama Canal
- Bushland Revels
- Canoe Country
- Celestial Navigation — Charts
- Celestial Navigation — The Earth
- Central America
- Colombia and Venezuela
- Colorado River
- Crisis in Iran
- Eskimo Children
- Falling Waters of Yosemite
- Falling Waters of Yosemite (X)
- Far Western States, The
- Flight over the Arctic
- Geography from the Air
- Geography of New England
- Global Concepts in Maps
- Highlands of the Andes — Peru
- Hill Towns of Guatemala
- Historic New England
- Historic Switzerland: Rhone Valley
- Historic Virginia
- Holiday Island
- Horsemen of the Pampas — Argentina
- Incas, The
- Industrial Provinces of Canada
- Islands of the West Indies
- Italian Peninsula
- Land of Little Water
- Life in Hot, Wet Lands
- Life in the Antarctic
- Life in the Mountains
- Lowlands of Scotland
- Maps and Their Meaning
- Maps We Live By
- Maritime Provinces of Canada
- Mediterranean Africa
- Middle States, The
- Mighty Columbia River
- Natural Resources of Pacific Coast
- Northeastern States, The
- Northwestern States, The
- Oklahoma and Its Natural Resources
- Our Earth
- Pacific Coast
- Pacific: Discovery and Exploration
- Pacific Provinces of Canada
- Peruvian Plateau
- Prairie Provinces of Canada

River, The
 Rivers of the Pacific Slope
 Roads South
 Round South America By Air
 Salmon Run
 Salt Water Wonderland
 Seaports of the Pacific Coast
 South Chile
 Southern Brazil
 Southwestern States, The
 Story of the Polar Region
 Trading Centers of the Pacific Coast
 Understanding Our Earth: Glaciers
 Unveiling Algeria
 West Coast Mountains of Canada
 West Indies, The
 Wings to Bermuda
 Wings to England and Belgium
 Wings to France
 Wings to Haiti
 Wings to New York
 Wings to Vikingland
 World We Live In, The

GEOLOGY

Alaska — Reservoir of Resources
 Arizona — Its Mineral Resources and Scenic Wonders
 Atmosphere and Its Circulation
 Atmosphere Pressure (X)
 Birth of a Volcano
 Earth — Latitude and Longitude
 Earthquakes (X)
 Earth's Rocky Crust, The
 Earth's Skin, The
 Formation of Soil (X)
 Geological Work of Ice
 Geysers and Hot Springs
 Geysers and Hot Springs — Volcanoes in Action
 Geysers of Yellowstone
 Glacier Park Studies
 Ground Water
 Krakatoa
 Let's Study Glacier National Park (X)
 Mountain Building
 Niagara Falls
 Ohio — Its Mineral Resources
 Our Earth
 Paricutin Volcano
 Rocky Mountain — Continental Divide, The
 Sand and Clay (X)
 Sculpture of the Land by Rivers
 Shore Deposits (X)
 Shore Lines and Developments
 Soil Resources
 Sulphur
 Sulphur (X)

Thundering Waters
 Tin from Malayan Jungles
 Wearing Away of the Land
 What Is Soil?
 Work of Running Water
 Work of the Atmosphere
 Work of the River
 Work of Underground Water (X)
 World We Live In, The
 Understanding Our Earth-Glaciers
 See also: MINERALS; OIL; SOIL

GEOMETRY: See **MATHEMATICS**

GEORGE WASHINGTON

Servant of the People
 Sons of Liberty

GERMANY

Causes and Immediate Effects of the First World War
 Geopolitik
 Germany Invades Austria
 Germany — Rural Life (X)
 Germany Today
 Noerdlingen (X)
 Oberammergau
 Old Hessen, In (X)
 Rise and Fall of Nazi Germany
 School in Cologne
 Target — Berlin
 These Are the Men
 War in Europe
 War in Europe (X)
 Western Europe — Factories, Mines and Waterways

GEYSERS

Geysers and Hot Springs
 Yellowstone Magic (X)
 Yellowstone National Park (X)

GLACIERS

Geological Work of Ice
 Secret of the Fjord
 Wearing Away of the Land

GLANDS

Body Defences Against Disease
 Digestion of Foods
 Endocrine Glands
 Nervous System, The
 They Live Again
 Work of the Kidneys
 See also: **HUMAN BIOLOGY**

GLASS

- Arts and Crafts of Mexico
- Behavior of Light (X)
- Glass
- Lens (X)
- Light Waves and Their Uses
- Looking through Glass
- Making Glass for Houses
- New Romance of Glass
- Optical Instruments (X)
- Sand and Clay (X)
- Sand and Flame

GOATS

- Goats
- Swiss Wood Carver

GOLD

- Gold (X)
- Placer Gold
- See also: MINERALS

GOVERNMENT

- Ancient Rome
- Archives, The
- Centralization and Decentralization
- Communism
- Congress
- County Government
- Day in Congress, A
- Democracy
- Federal Government
- Federal Reserve System
- General Election
- How to Vote
- How We Elect Our Representatives
- Inside the Capitol
- Inside the Library of Congress
- Inside the White House
- It Takes Everybody to Build This Land
- It's Your America
- Learning Democracy Through School —
Community Projects
- Make Mine Freedom
- Meet King Joe
- Men of West Point
- Mint, The
- Nation's Capital, The
- Objective Security
- Our Basic Civil Rights
- Our Bill of Rights
- Our Federal Government
- Our Living Constitution
- Our Living Declaration of Independence
- Our Town Is Our Classroom
- Parliamentary Procedures in Action

- Pattern for Peace: Charter of the UN
- Pledge of Allegiance
- Political Parties
- Powers of Congress
- Presidency, The
- President's Cabinet
- Pressure Groups
- Price of Freedom
- Servant of the People
- Sharing Economic Risks
- Social Change in a Democracy
- State Legislature
- Supreme Court, The
- Washington, Shrine of American Patriotism
- You Can Do It

GOVERNMENT AGENCIES

- At Your Command
- Inside the Federal Bureau of Investigation
- U.S. Treasury Bureau of Engraving and Printing

GRAIN: See AGRICULTURE, Soils and Crops

GRASS AND GRAZING

- Cattlemen, The
- Grassland
- See also: AGRICULTURE

GREAT LAKES: See TRANSPORTATION

GREECE

- Ancient Greece
- Greece
- On Mediterranean Shores — Greece
- Our Inheritance from the Past
- Round the Acropolis

GROWTH: See AGRICULTURE; ANIMALS; BIOLOGY; CELLS; EMBRYOLOGY; FOODS AND NUTRITION; HEALTH AND DISEASE

GUATEMALA

- Behind the Cup
- Cross Section of Central America — Guatemala
- Hill Towns of Guatemala
- Wings to Mexico and Guatemala
- Wooden Faces of Totonicapan

GUIDANCE: See VOCATIONS

GYMNASTICS: See SPORTS

HAND TOOLS

- Chisel, The
- Claw Hammer and Nail Set

Fundamentals of Filing
 Hacksaw, The
 Hammer, The
 Hand Plane, The
 Hand Sawing
 Hand Soldering
 Jointing Edges and Grain 90° to a Face
 Metal Craft
 Planing Rough Surfaces to Dimensions
 Pliers and Screwdrivers
 Punches
 Ripping and Crosscutting
 Safe Use of Tools
 Turning Work on a Face Plate
 Woodworker
 Wrenches
 See also: MACHINE TOOLS

HANDICRAFTS: See ARTS AND CRAFTS

HANDWRITING

Improve Your Handwriting
 Practical Lettering (X)

HARPS

Mildred Dilling, Harpist

HAWAII

Aloha
 Forty-Ninth State
 Jewel of the Pacific
 Modern Hawaii
 People of Hawaii
 Pineapple Culture
 Wings to Hawaii

HEALTH AND DISEASE

About Faces
 Alcohol and the Human Body
 Allergies
 Angel of Mercy
 Antibiotics
 Attitudes and Health
 Bathing the Patient
 Be Clean and Healthy
 Body Care and Grooming
 Body Defenses Against Disease
 Body Fights Bacteria
 Breakdown
 Cancer
 Care of Feet
 Care of the Teeth (X)
 Changes in Group Atmosphere (X)
 Child and Field Forces, The (X)
 Choose to Live
 Choosing Clothes for Health

City of the Sick
 City Water Supply
 Cleanliness and Health
 Cleanliness, Clean Face and Hands (X)
 Common Cold, The
 Doctor, The
 Drinking and Health (X)
 Drug Addiction
 Educated Feet (X)
 Exercise and Health
 Eyes and Their Care
 Eyes for Tomorrow
 Field Forces as Impediments to Performance (X)
 First Aid for Wounds and Fractures
 First Aid — Life Saving and Resuscitation (X)
 Food and Growth (X)
 Food Series — Vitamin B (X)
 Food Series — Vitamin D (X)
 For Health and Happiness
 Fun That Builds Good Health
 Fundamentals of Diet
 Health Is a Victory
 Heart and Circulation
 Home Nursing
 How Billy Keeps Clean
 How the Eyes Function
 How the Fires of the Body Are Fed (X)
 How to Avoid Muscle Strain
 How to Be Well-Groomed
 How to Catch a Cold
 How We Hear
 Housefly, The
 Human Growth
 Human Heart
 Human Skin
 I Am an Alcoholic
 I Never Catch Cold
 Immunization
 Improve Your Posture
 It Doesn't Hurt
 Joan Avoids a Cold
 Judy's Smile
 Kids Must Eat
 Kitty Cleans Up
 Let's Have Fewer Colds
 Let's Open Our Eyes
 Life Cycle of the *Diphyllobathrium Latum* (X)
 Life Cycle of *Trichinella Spiralis* (X)
 Little Brother and Sister (X)
 Magic Alphabet
 Man Against Microbe
 Mental Health
 Modern Guide to Health
 Mosquito — The Public Enemy
 Nation's Mental Health
 New Frontiers of Medicine
 Nose, Throat, and Ears
 Nursing

HEALTH AND DISEASE (continued)

Obesity: Problems of Fat Formation and Overweight
 One Against the World
 Our Teeth
 Pneumonia
 Posture
 Posture and Exercise
 Posture Habits
 Posture Pals
 Problem Drinkers
 Purifying Water (X)
 Rest and Health
 Rhythmic Exercise
 Sewage Disposal
 Silent War
 Sitting Right
 Skin
 Sleep for Health
 Smiles Have It
 Soapy, the Germ Fighter
 Stop Silicosis
 Story of Dr. Jenner
 Story of Menstruation
 Streptomycin
 Survival of the Fittest
 Teeth Are to Keep
 Teeth, The
 That Mothers Might Live
 Three Counties Against Syphilis
 Triumph Without Drums
 Tuberculosis and How It May Be Avoided (X)
 Tuberculosis, Its Diagnosis, Treatment, and Control
 Understanding Vitamins
 Vim, Vigor, and Vitamins
 Wartime Nutrition
 Wastage of Human Resources
 Water, Friend or Enemy
 Ways to Good Habits
 What Makes Us Grow
 Winged Scourge
 Your Children's Ears
 Your Children's Eyes
 Your Children's Meals
 Your Children's Sleep
 Your Children's Teeth
 Your Friend, the Doctor
 See also: FIRST AID; FOOD AND NUTRITION; HUMAN BIOLOGY; NURSING; SAFETY

HEARING

Fundamentals of Acoustics
 How We Hear

HEART

Circulation (X)

Heart and Circulation
 Human Heart

HEAT

Distributing Heat Energy
 Energy from Sunlight (X)
 Fuels and Heat
 Heat and Its Control
 Heating and Air Conditioning
 Hot Air Heating (X)
 Principles of Refrigeration
 Story of Coal
 Story of Rock Wool Insulation
 Thermodynamics
 Things Expand When Heated
 Transfer of Heat

HEREDITY

Heredity
 Heredity and Environment

HIGHWAYS: See ROADS; SAFETY**HISTORY**

Haiti's Black Napoleon
 Headlines of the Century
 See also: Names of country or WORLD HISTORY

HOGS: See DOMESTIC ANIMALS**HOLLAND**

Bells of Holland
 Children of Holland
 Dutch Tradition
 Dutch Tulip Girl (X)
 Land Behind the Dikes — Holland
 Life in Lowlands — Netherlands
 New Earth
 Stories of Holland: Background for Reading

HOME ECONOMICS: See CHILD CARE AND DEVELOPMENT; CLOTHING AND TEXTILES; CONSUMER EDUCATION; COOKING; FOOD PRESERVATION; HEALTH AND DISEASE; HOME MANAGEMENT; HOME NURSING; HOUSING; SAFETY; INTERIOR DECORATIONS**HOME MANAGEMENT**

Boss Comes to Dinner
 Dinner Party, The
 Family Life
 Home Electrical Appliances
 Home Management: Buying Food

Home Management: Why Budget
 Step-Saving Kitchen, A
 Table Manners
 Your Family Budget

HOME NURSING

Home Nursing
 See also: FIRST AID

HOME RELATIONS: See FAMILY RELATIONS

HONESTY

Am I Trustworthy?
 How Honest Are You?

HONEYBEES: See BEES

HORSES

Sparky, the Colt

HOUSEFLY

Housefly, The

HOUSING

Baltimore Plant
 Bela Horizonte
 Building America's Houses
 Home Place
 Housing in Chile
 Live at Home
 Making Bricks for Houses
 Making Glass for Houses
 Problems of Housing
 Shelter

HUMAN BIOLOGY

Alimentary Tract
 Arachnids
 Blood
 Body Defenses Against Disease
 Control of Body Temperatures
 Digestion of Foods
 Elimination
 Endocrine Glands
 Eyes and Their Care
 Foods and Nutrition
 Heart and Circulation
 Human Growth
 Human Heart
 Human Reproduction
 In the Beginning
 Mechanisms of Breathing
 Muscular System, The
 Nervous System
 Nine Basic Systems of the Body

Normal Birth, A
 Nose, Throat, and Ears
 Organization of the Body
 Posture and Exercise
 Reproduction Among Mammals
 Skeleton, The
 Speed and Reflexes
 Story of Menstruation
 Vim, Vigor, and Vitamins
 Vitamins
 Wonder Engine of the Body
 Work of the Kidneys
 Your Ears
 Your Eyes
 See also: FOODS AND NUTRITION; HEALTH
 AND DISEASE

HUMAN GEOGRAPHY

Africa

Backward Civilization, A
 Egypt, Kingdom of the Nile
 Here Is the Gold Coast
 How the Desert People Live
 Life on the Sahara (X)
 People of the Congo
 Pygmies of Africa
 Ship of the Desert (X)
 Watussi of Africa
 Wanderers of the Arabian Desert (X)

Arctic

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- Adventures of Bunny Rabbit
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- Life in a Fishing Village
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 Kentucky Pioneers
 Life in Old Louisiana
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 Baseball Fundamentals and Techniques
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 Basketball by the Code
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 Defensive Footwork in Basketball
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 Play Better Golf — Parts I and II

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 Simple Stunts

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Hot Ice

Horse Racing

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Ice Skating

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 Introduction to Art of Figure Skating
 Rhythm on Blades
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- Ski Thrills
- Snow Ranger

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- Matt Mann's Swimming Technique for Boys
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- Swimming
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- Swimming for Beginners
- Swimming: Getting Afloat
- Swimming: The Beginners

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- Beginning Tennis
- Davis Cup, 1947
- Fundamentals of Tennis
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- Championship Form
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- Thermodynamics

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- Drama of Steel
- Machining a Tool Steel V-Block
- Steel
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- Build Your Vocabulary
- Building an Outline
- Describing an Incident
- Find the Information
- How to Judge Authorities
- How to Judge Facts
- How to Write Your Term Paper
- Improve Your Reading
- Making the Most of School
- Punctuation — Mark Your Meaning

STUDYING AND STUDY SKILLS

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- Blow, Wind, Blow!
- Find the Information
- High School — Your Challenge
- How to Concentrate
- How to Develop Interest
- How to Judge Authorities
- How to Judge Facts
- How to Observe
- How to Read Newspapers
- How to Remember
- How to Study
- How to Think
- How to Write Effectively
- How to Write Your Term Paper

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 Importance of Goals
 Improve Your Pronunciation
 Improve Your Reading
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 Keeping Up with Your Studies
 Know Your Library
 Learning from Class Discussion
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 Making the Most of School
 School Activities and You
 Scientific Method
 Snap Out of It
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 Watch That Quotation
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 What Is Science?

SUGAR

Sugar Cane
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Christmas in Sweden
 Life in a Fishing Village
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 First Steps
 Good Speech for Gary
 How to Develop Interest
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 Near Home
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Fred and Billy Take an Airplane Ride

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Falling Waters of Yosemite (X)

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Why You?
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Automotive Service
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Careers for Girls
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Night in the Jungle
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Highway of Friendship
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Cadet Classification
Canning the Victory Crop
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China Crises
Conquest of the Night
Day of Battle
D-Day
Desert Victory
Diary of a Sergeant
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Divide and Conquer (Short Version)
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Fleet That Came to Stay
Food for Fighters
Freedom Comes High
Fury in the Pacific
Gardens of Victory
Geopolitik
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Guardians of the Sea
Guilty or Not Guilty — The Nuremberg Trials
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Invasion of Fortress Europe — Rome Falls to the
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It Can't Last
It's Your America
Lady Marines
Life Line
Marines Have Landed
Men and the Sea
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News Parades of 1938 Through 1941
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Photography Fights
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Remember These Faces
Report from Beachhead
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Ring of Steel
Road to Berlin
School in Cologne
Spirit of '43
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ZOO

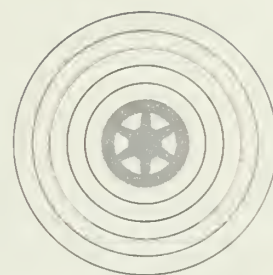
Animals of the Zoo
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Description of Sound Films



FOR FEES, RULES,
AND SUGGESTIONS
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ABC OF THE AUTOMOBILE ENGINE
(GM, Color)

An animated film explaining the parts and workings of the automobile engine. The 3 basic ingredients that make an engine operate — air, fuel, and ignition — are personified as cartoon characters. The function of the carburetor, piston, piston rings and pins, connecting rods, crankshaft, valve mechanism, ignition, cooling and lubrication systems are shown.

j-h-c-a 18 minutes Handling charge, \$1.00

ABC OF THE DIESEL ENGINE (GM, Color)

An animated film showing the fundamentals of the operation of a diesel engine. Air, fuel and ignition are personified as cartoon characters. Examples of the use of the engines as a source of power in industry and transportation are given.

j-h-c-a 20 minutes Handling charge, \$1.00

ABC'S OF BEEF COOKERY (ASF, Color)

Illustrates techniques of preparing rib roast, pot roast, sirloin steak, beef stew, and hamburgers.

h-c-a 14 minutes \$3.00

ABOUT FACES (EFLA)

The importance of correct dental care for the health of the individual, as well as for the nation, is stressed in this film released by the Department of Health. The subject is explained in story form and is centered around the life of an American boy from his cradle to the day he is inducted into the army.

i-j-h 11 minutes Handling charge, \$1.00

ABRAHAM LINCOLN (EB)

Re-enacts incidents in Lincoln's life which characterize him as an outstanding exponent of human freedom. Traces interesting events of his early boyhood which reveal his unforgettable qualities of integrity, humor, common sense, and tenderness. Points to his several roles as store clerk, woodsman, lawyer, husband, father, congressman, and President. Associates familiar Lincoln quotations with the incidents which prompted them.

j-h-a 22 minutes \$2.00

ABRAHAM LINCOLN, A BACKGROUND STUDY (C)

The background of Lincoln's life is revealed through the use of pictures of reconstructed areas frequented by Lincoln, pictures of public buildings associated with Lincoln, pictures of Lincoln statues and shrines, and maps showing the growth of the United States during his life. Effective narration serves to give insight into the great man's life and provides an excellent introduction to the study of Lincoln's life and times.

j-h 16 minutes \$2.00

ACCENT ON LEARNING (OSU)

"What is teaching?" is the question asked and explained in this film. It stresses the necessity of a variety of teaching tools and techniques. Essentially a film for teachers, it offers many useful suggestions. Audio-visual aids are strongly recommended and demonstrated in actual classroom situations.

c-a 33 minutes \$3.00

ACCIDENT BEHAVIOR (PRP)

Explains a step by step procedure to follow when involved in an accident. Shows care of the injured; hazards of fire; legal responsibilities, and many other phases of accident behavior.

i-j-h-c-a 20 minutes \$2.00

ACCORDING TO PLAN: INTRODUCTION TO ENGINEERING DRAWING (McGII)

This film aims to help the beginning student get started on the right track in his thinking about engineering drawing. Other titles in this series are: Auxiliary Views: Double Auxiliaries, Auxiliary Views: Single Auxiliaries, Drawings and the Shop, Orthographic Projection, Sections and Conventions, and Selection of Dimensions.

c 9 minutes \$1.25

ACE IN THE HOLE (Castle)

Woody Woodpecker has decided that he wants to be a flyer. He finally gets his wish — not quite like he expected.

general 8 minutes \$1.25

ACT YOUR AGE (C)

Students will see here some of the more common types of "infantile reactions" — temper, weeping, inability to "take a joke" as well as other forms of emotional immaturity. And, having seen examples of these traits, they'll see the basic reasons for the continuance of these common signs of emotion into adolescence. To help overcome the social handicaps that come with inability to "grow up," the film offers a method of self-evaluation.

j-h-c 16 minutes \$2.00

ACTING PROBLEMS (IFB)

Adaptation of Mark Twain's "Tom Sawyer" serves as an illustrative example of improvisation, character development, and tempo-rhythm.

h-c-a 10 minutes \$1.25

ACTIVITY GROUP THERAPY (CU)

For over two years, hidden cameras and microphones recorded the development in activity-group therapy of a group of emotionally disturbed and socially maladjusted boys, ages 10-11. Shows the therapeutic situation and the variety of relationships within

the group, the spontaneous constructive and destructive tendencies of the boys, the role of the therapist, and the gradual improvement in the personalities of the boys.

c-a 50 minutes \$5.00

ADDITION IS EASY (C)

What is addition? How is it done? Billy needs to buy a set of paints but he wants to buy a baseball bat too. Has he enough money for both in his own bank? This simple and effective film lesson establishes the basic concepts and demonstrates the methods of addition which are all-important to a solid foundation for the study of mathematics. For other film in this series, see Subtraction Is Easy.

p 10 minutes \$1.25

ADOBE VILLAGE—MEXICO VALLEY (UW)

This film lesson vividly illustrates how areas colonized by Spanish peoples in the Western Hemisphere are characterized by much "blood-blending" and have developed a maize culture with life centered in the village, especially in the church of the village. The central plateau of Mexico well illustrates this geographic principle. Here one finds a mixture of Indian and Spaniard blood (mestizos). The peasants are seen practicing a maize culture (mostly a hoe-culture). Their life is centered in the market town, and they are particularly close to their church

i-j-h 22 minutes \$2.00

ADVANCED TENNIS (BFS)

Bill Tilden reviews tennis fundamentals and continues to advanced techniques. Demonstrations and illustrations of net game, footwork, smash, service, and volley are photographed from front, back, side, and overhead to allow study from every angle.

j-h-c-a 11 minutes \$1.25

ADVANCED TUMBLING (C)

Demonstrates the more difficult stunts. See Beginning Tumbling.

j-h-c 10 minutes \$1.25

ADVANCED TYPING—DUPLICATING AND MANUSCRIPT (UW)

Demonstrated in this film is the proper method of making masters for duplicating machine use, correcting mistakes on a stencil, the use of the illuminated drawing board for tracing lines, making hectograph masters, correcting mistakes when using hectograph ribbons or carbon, use of the electromatic hectograph machine, use of various types of duplicating machines, and typing manuscripts with footnotes. Centering on the typewriter, improvising characters or marks that do not appear on the typewriter, and reading proof-reader marks are also explained.

h-c 25 minutes \$3.00

ADVANCED TYPING—SHORTCUTS (UW)

The importance of good posture and having your equipment arranged is stressed along with demonstrations on how to use the tab stops, tab bar, and decimal tabulator key. How to handle carbon packs; use the pressure indicator; make proper erasures; insert missing words and letters; remove extra words and letters; type cards, envelopes and labels; and draw vertical and horizontal lines are also shown.

h-c 35 minutes \$3.00

ADVENT OF ANESTHESIA (MCC)

Before anesthesia, major operations were crude and hurried because of the intense suffering of the patient. The film shows a re-enactment of the first public demonstration of the use of anesthesia, in Massachusetts in 1846. Ether was used on this occasion to render the patient unconscious and keep him from suffering pain. A new era in surgery was born.

h-c-a 8 minutes \$1.25

ADVENTURE OF JUNIOR RAINDROP (UW, Color)

Shows the need for everyone to be informed on good watershed management. Raindrops, like children, become delinquent and lawless. The animation is supplemented with live action scenes showing contrasting results of poor and good watershed management.

i-j-h 8 minutes \$2.25

ADVENTURES OF BUNNY RABBIT (EB)

The characteristics and habits of rabbits in their natural environments are presented in a dramatic, information type of film. The film sequence follows: Mother Gray Rabbit with her newly born young in their burrow; Mother Rabbit feeding; White Rabbit from the farm visiting Gray Rabbit; Fox pursuing Gray Rabbit to burrow; Fox unable to get into burrow; Bunny's experiences with Frog, Squirrel, and Turtle in woods; Bunny's experiences on the farm with Cows, Chicks, Puppies, Turkeys; Bunny finds lettuce in greenhouse; farmer puts Bunny into doll house; Bunny runs back to woods.

p-i 11 minutes \$1.25

ADVENTURES OF HUCKLEBERRY FINN—SHORT VERSION (TFC, Restricted to Classroom Use)

Cuttings from the feature length film. Huck, taken in by a kindly lady in the town, is teased by the children in school. He hears Tom's girl friend, Becky Thatcher, tell Tom that if it weren't for the "widder," Huck wouldn't be invited anywhere. He makes up his mind to run away, and Tom pledges undying loyalty to him.

general 10 minutes \$1.25

ADVENTURES OF HUCKLEBERRY FINN (TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Mark Twain's book.

i-j-h-c 40 minutes \$4.00

ADVENTURES OF WILLIE SKUNK (YA)

Willie is one of a family of five baby skunks who go out with their mother to find food one day. They run into all sorts of adventures, including a curious cow that Willie frightens away by using his "squirt guns" on her. Two children, Bobby and Jane, find Willie far from home and by being very slow and careful they succeed in picking him up without frightening him. Then they take him home.

p-i 10 minutes \$1.25

ADVENTURES WITH ANDY (NYZ, Color)

Some episodes in the life of Andy, a baby orangutan at the Bronx Zoo in New York City.

p 10 minutes \$2.25

ADVENTURING PUPS (YA)

The story of three beagle puppies and their adventures on the farm and in the woods. Serves to stimulate observation by the pupil and introduces him to the characteristics and actions of dogs and several other animals of the woods and farm.

p-i-j 8 minutes \$1.25

AERIAL NAVIGATION — MAPS AND THE COMPASS (UW)

An over-all view is presented of the various types of map projection; and the advantages and disadvantages of each are compared and contrasted. Animated maps and commentary are combined to explain gnomonic projection, Mercator projection, and Lambert conformal projection. The advantages and disadvantages, in terms of their usefulness, are discussed and illustrated by maps.

h-c 11 minutes \$1.25

AERODYNAMICS — AIR FLOW (UW)

Through the use of smoke, the flow of air around airfoils is shown. Skin friction, streamlining and the trend in design toward high speed airfoils, the use of wing flaps and their design, and the effect of ice on leading edges are illustrated.

h-c 18 minutes \$2.00

AERODYNAMICS (PROBLEMS OF FLIGHT) (EB)

Intended as a companion reel to the film *Aerodynamics (Theory of Flight)*, this production describes the use of the plane's controls in taking off, climbing, banking, stalling, spinning and recovery, diving, gliding, and landing. Superimposed animated diagrams help to clarify the action of forces acting on the plane while

executing these maneuvers. Gliding and landing are given special consideration by demonstrating both correct and incorrect techniques.

j-h-c 10 minutes \$1.25

AERODYNAMICS (THEORY OF FLIGHT) (EB)

Illustrates the application of physical laws to forces acting on airfoils. Wind tunnel tests demonstrate the relation of air velocity to lift and drag on plain and cambered airfoils. Control of airplane movements about vertical, lateral, and longitudinal axes by means of the rudder, elevator, and ailerons, respectively, is demonstrated in pitching, rolling, and yawing.

j-h-c 10 minutes \$1.25

AEROLOGY — THUNDERSTORMS (USN)

Deals with the formation of thunderclouds, and points out their identifying features. Alternatives a pilot may follow when storms are encountered are discussed. One pilot's experience with a thunderstorm is dramatized. Animation and some straight photography are used.

h-c 35 minutes \$4.00

AFRICAN BIG GAME (AFF)

Big game hunters and their native bearers hunt game, rare skins, and ivory in the Ubangi-Chari region of French Equatorial Africa. By day and night, caravans cut through the dangerous underbrush and rivers, encountering unusual experiences with wild life.

j-h-c-a 20 minutes \$2.00

AFRICAN FAUNA (PHP, Color)

This interesting and instructive color film was photographed in Kenya Colony, Uganda, and the Belgian Congo, just previous to the war. Paul L. Hoefler, the internationally recognized African authority, is the photographer. The following animals are filmed in their natural habitat: waterbuck, impalla, cheetah, crocodile, elephant, zebra, lion, giraffe, and hippopotamus. It dispels many of the preconceived ideas that people have concerning many of these animals.

i-j-h-c-a 11 minutes \$2.25

AFRICAN TRIBES (PHP, Color)

Was photographed in Kenya Colony and the Belgian Congo. The story of the tribes starts in the Belgian Congo and ends in the great Kaisut Desert. The pictures of the Rendille with their "ships of the desert" are the first ever photographed.

j-h-c-a 10 minutes \$2.25

AGE OF DISCOVERY: SPANISH AND PORTUGUESE EXPLORATIONS (C)

Adventure and exploration that takes students back more than 500 years. They see seaports and sailing

vessels, towns and towers, that figured in the exploration of routes to the Orient and then to the discovery of the New World.

i-j-h-a 11 minutes \$1.25

AIDA (CP)

Verdi's immortal "Triumphant March" is played with all its splendor when it is conducted and directed by Friedrich Feher. The orchestra is accompanied by the National Philharmonic Chorus. A musical masterpiece, a great orchestra, and a great chorus combined with excellent photography produce a stimulating musical film.

i-j-h-c 10 minutes \$1.25

AIR ALL AROUND US (YA)

This film presents and explains a number of classroom demonstrations which illustrate concepts concerning air pressure, contraction and expansion of air, and compressed air.

p-i 10 minutes \$1.25

AIR IN ACTION (C)

Demonstrates the science of aerodynamics by explaining simple parlor tricks in terms of scientific knowledge and applying that knowledge to everyday living. Air resistance is analyzed, and applications to common experiences are explained.

i-j-h-c 11 minutes \$1.25

AIR TRANSPORTATION (VGF)

Presents the whole field of occupations in the air transportation industry, from the highly trained flight and mechanical personnel to the clerical jobs which take but a small amount of instruction to qualify.

h-c 11 minutes \$1.25

AIRLINER, THE (DM)

There is no one subject of more general interest today than aviation and air transport. Many of the terms used in newspapers and periodicals and over the radio are clarified in this film. The Airliner provides a vicarious experience of not only a trip by air, but a study of planes, instruments, and government control of air transport. Therefore it serves as an excellent general information film to be used in assemblies, P.T.A. meetings and club groups as well as for intensive use for class reference.

The Airliner meets several distinct teaching needs. It treats specifically of airplanes and aeronautics, including the plane itself, flying instruments, government control, and passenger service. It therefore fits into a unit of work on airplanes at any grade level.

j-h-c 20 minutes \$2.00

AIRPLANE CHANGES THE WORLD MAP, THE (EB)

Treats in excellent fashion the whole problem of map reading, particularly as it relates to the globular character of maps which has assumed so great importance for air travel. The various types of projection used in maps are shown and expressed in detail.

j-h-c 11 minutes \$1.25

AIRPLANE RADIO ANTENNAS (USSC)

Presents an over-all view of the generation and the behavior of radio waves. Animated diagrams, combined with real photography, are used with the commentary to discuss static fields, magnetic lines of force, high-frequency generators, the behavior of radio waves in space, and the reflection of radio waves. There follows a discussion of skip distance, ground waves and the fading and the distortions that result from a conflict between waves.

j-h-c 11 minutes \$1.25

AIRPLANE STRUCTURES — ALIGHTING GEAR (USSC)

The general working plan of the alighting gear, showing the loads exerted, is set forth. The plans of operation, the component parts and the devices that warn of the alighting gear's position are explained.

h-c 9 minutes \$1.25

AIRPLANE STRUCTURES — FUSELAGE CONSTRUCTION (USSC)

A series of over-all views indicates the various sections of the aircraft fuselage, and shows the steps of the development of a fuselage with the pilot's coup. Some attention is given to the differentiations of cowlings for air-cooled and liquid-cooled engines.

h-c 8 minutes \$1.25

AIRPLANE STRUCTURES — STRUCTURAL UNITS (USSC)

Presents a pictorial discussion of the various units of a plane, and of the various types of loads, and stresses what each must be designed to handle. Diagrams show the various types of stresses that are involved in various angles of flight. Parts of the plane fuselage, wings, the landing gear, and the control surfaces are indicated and the function of each defined.

h-c 6 minutes \$1.25

AIRPLANE STRUCTURES — WING CONSTRUCTION (USSC)

The film opens with drawings indicating the shape, the chord, and span of wings. Views of a wing in construction show its internal bracing in the form of

spars and ribs. Commentary and drawings combine to explain the beam form used in wing construction. The general over-all picture of the assembling of sub-assemblies of wing sections is given. There is also shown the construction of wings where fuel tanks are built into the wings

h-c 9 minutes \$1.25

AIRPLANES (USBM)

General interest film to model plane builders and others.

i-j-h 37 minutes Handling charge, \$1.00

AIRPLANE TRIP, AN (EB)

In a modern airliner a mother and her young daughter journey, with other passengers, from Los Angeles to Salt Lake City. On arriving at the airport, a hangar is inspected, and servicing operations on different parts of a plane are observed. After the plane is loaded with mail and express the passengers embark, safety belts are adjusted, and the plane takes off. En route, the plane's instruments and operation are simply explained. Picturesque views of the ground and clouds are shown. The stewardess serves a meal and makes up the sleeping berths. A telephonic weather report is received by the pilot, and the plane lands at Salt Lake City at dusk. Mother and daughter disembark and watch their plane continue its journey into the night.

p-i-j 11 minutes \$1.25

AIRPLANE TRIP TO MEXICO (EB, Color)

The delightful story of two American youngsters who visit friends in Baja California, Mexico. Portrays their adventures as they go sightseeing, visit a Mexican school, swim in the ocean, discover an old pirate cove, and go horseback riding with their host. Airport scenes highlight their arrival and departure by plane. Can be used for beginning Spanish language classes when used in conjunction with the Spanish version entitled *Un Viaje A Mejico*.

(English & Spanish)

i-j-h-c 12 minutes \$2.25

AIRPLANES AND HOW THEY FLY (YA)

Using photography and animation, this film serves two purposes: it surveys the major types of modern aircraft — propeller-driven, jet-powered, military and commercial, large and small; it provides an elementary explanation of how an airplane is pulled through the air, how airflow lifts the plane into the air, and how the flight of the plane is controlled by rudder, elevator, and aileron.

p 11 minutes \$1.25

AIRPORT (EB)

The film provides a comprehensive overview of the many activities carried on at a large municipal airport.

The film will be especially useful in helping children understand what goes on behind the scenes on the ground, so that flying in the air will be safe, fast, and comfortable.

p-i 11 minutes \$1.25

AIRWAYS OF THE FUTURE (MOT)

Important in this film are impressive shots showing some of the remote regions traversed by the huge planes of the ATC. The climax of the film shows how the airways of war can become the airways of the future, bringing close remote corners of the world.

j-h-c 12 minutes \$2.00

ALASKA (FI)

The history and the agricultural and industrial development of a twentieth century frontier country, with particular emphasis on the work pioneer people have to do to settle new land, build new communities, and create new industries.

j-h 22 minutes \$2.00

ALASKA — A MODERN FRONTIER (C)

Through the wilderness we travel to see a first-hand view of Alaska. There is the thriving, modern community of Fairbanks. On a trip with the "flyingest people in the world" we visit gold miners, salmon fishermen, pioneer farmers of the Matanuska Valley, Eskimos on the coast of the Bering Sea . . . to see why Alaska is really a modern frontier.

i-j-h 10 minutes \$1.25

ALASKA — RESERVOIR OF RESOURCES (EB)

The relationship of people living in Alaska to their environment and the tremendous reservoir of resources which Alaska comprises is outlined. The following representative aspects of Alaska's resources are portrayed in this picture: fishing, lumbering, mining, fur trapping, and agriculture. Emphasis is also placed on Alaska's special transportation problems.

i-j-h 11 minutes \$1.25

ALASKA TOUR (TFC, Restricted to Classroom Use)

This is a typical travelogue of Alaska. It shows many interesting parts of Alaska, including the salmon packing industry.

i-j-h-c 11 minutes \$1.25

ALASKA'S SILVER MILLIONS (AC)

An excellent industrial film prepared for classroom use from the fifth to the tenth grade. It shows some splendid scenes of the salmon run. The details of the canning of salmon are clearly shown.

i-j 30 minutes Handling charge, \$1.00



Squeak the Squirrel

Were you ever curious about the psychology of a squirrel? Humorous presentation of the learning process of a ground squirrel.

15 MINUTES RUNNING TIME

\$3.00 PER WEEK

ALCOHOL AND THE HUMAN BODY (EB)

Graphically explains the specific effects of alcohol on the human body, describing the characteristics of alcohol and how it is made. Traces the course of alcohol through the body until it either oxidizes or escapes. Reveals the progressive effects of alcohol on the important brain centers of judgment, muscular control, vision, and coordination. Dramatizes the cause of a problem drinker, and prescribes a treatment.

j-h-c 20 minutes \$2.00

ALCOHOL IS DYNAMITE (SD)

Typical case histories have been selected—several boys and girls who became victims of drink at an early age—each in his or her own way. The stories are told as they occurred—without embellishment, without preaching. But the lesson is graphically evident—any boy or girl can become a victim of alcohol, simply, easily, and quickly—merely by “playing around” with it.

j-h-c-a 10 minutes \$1.25

ALCOLHOLISM (EB)

Presents the causes and treatment of excessive drinking, tracing the development of the disorder in the case history of Ed Grimer. Shows how the roots of alcoholism are imbedded in personality difficulties, and describes various forms of treatment. Demonstrates the role of the public clinic, and emphasizes the need for increased treatment facilities and greater public knowledge of this widespread problem.

h-c-a 22 minutes \$2.00

ALEXANDER CALDER: SCULPTURE AND CONSTRUCTION (MMA, Color)

The artist is shown at work, creating his mobiles of wire, etc., in his well-equipped workshop. Biographical information is presented by the narrator. Examples of

the artist's work are then shown and related to the basic themes of modern art.

j-h-c-a 11 minutes \$2.25

ALEXANDER HAMILTON (EB)

Re-enacts episodes in the life of a leading figure in the formation of the American Nation. Reveals Hamilton first as a boy-businessman; shows his role in the American Revolution; tells his part in the adoption of the Constitution; portrays his career as the first Secretary of the Treasury; and re-enacts events which led to his death at the hands of Aaron Burr.

j-h-a 22 minutes \$2.00

ALGEBRA IN EVERYDAY LIFE (C)

There is nothing mysterious about algebra. It is only a language of numbers. Students will realize this as they see Grace and Bill solve a problem which confronts them in the preparations for their annual school revue—solve it by using algebra. With emphasis on these three basic algebraic steps: 1) observation, 2) translation, and 3) manipulation and computation, this film shows how algebra is used in everyday life as well as in specialized fields.

j-h 10 minutes \$1.25

ALIAS ST. NICK

(TFC, Color, Restricted to Classroom Use)

A cat, hungry for a Christmas meal, disguises himself as Santa Claus to get into the home of the Mice. They are almost fooled, but at the last minute he is discovered and thrown out.

p-i 9 minutes \$2.25

ALIBI RACKET (TFC, Restricted to Classroom Use)

When a racketeer is killed, the most obvious, and in fact almost the only, suspect has an iron-clad alibi.

The police have suspected this man of several other crimes, but, as in the present case, his alibi has always been perfect. A suspicious police commissioner, careful planning, and hard, persistent police work lead to his arrest and conviction.

h 20 minutes \$2.00

ALICE ADAMS (TFC, Restricted to Classroom Use)

An excerpt presenting a family problem growing out of a father's lack of financial success. The daughter's sensitiveness to appearances leads her into exaggeration and fantasy in her relationship with a young man. The mother blames her husband for the fact that his daughter is handicapped socially.

j-h-c-a 15 minutes \$2.00

ALICE IN WONDERLAND

(TFC, Restricted to Classroom Use)

A school version taken from MGM's feature picture of the same name.

general 40 minutes \$4.00

ALIMENTARY TRACT (EB)

Intended as a supplement to the film "Digestion of Foods," this picture treats in detail motility phenomena of the gastrointestinal tract. Actual photography reveals different types of movements in the stomach such as hypermotility, inhibition, anti-peristalsis, hunger contractions, and normal movements.

j-h-c 11 minutes \$1.25

ALL ROADS LEAD TO FRANCE (AFF)

A tour of France picturing historical points, cathedrals, resorts for skiing, boating and fishing, as well as many provinces and cities. Concludes with scenes of Paris.

j-h-c-a 15 minutes \$2.00

ALL-AMERICAN MICKEY (BF)

There's football in the air, and it's Mickey's team against the Alley Cats. Everything goes wrong. A goat enters the scene, mixes up the show, Mickey goes the wrong way, but the situation clears surprisingly after Mickey's drive for the goal has been stopped.

general 5 minutes \$1.25

ALLERGIES (EB, Color)

Presents basic facts necessary for a fundamental understanding of the nature of allergies. Describes an allergy as a pronounced sensitiveness of a given part of the body to a particular substance such as certain pollens, dusts, food, etc. Points out types of research now being carried on in the field and explains tests for detecting allergies.

h-c-a 12 minutes \$3.00

ALLOY STEELS (USBM)

The opening scene shows a toolsmith at work in an old-time shop using early methods of fashioning tools by hand. It also depicts the "cementation" process—making of blister bar steel by adding carbon to wrought iron, a process known by the ancients and rediscovered many years later by European workers.

The scenes following portray outstanding milestones in the history of the development of alloy steels. The contributions of Benjamin Huntsman in 1742 and of Robert Mushet in 1868, as well as the improved method of heat treatment first used in 1890 which made possible the development of cutting tools that ran at the unheard-of speed of 100 to 150 feet per minute, are shown. Within a few years many brands of high-speed steels were on the market, Julius Baur's chromium steel was patented, Sir Robert Hadfield perfected a high-manganese steel, French metallurgists first alloyed steel with nickel, and molybdenum and vanadium had come into use.

Many brands of English and American steels made their appearance between 1900 and 1906 as automobiles created a need for strong and more reliable steel. The increases in source of supply together with laboratory improvements and research during the period of 1917 and 1938 are shown in detail. The reel ends with a view of modern plants and equipment for heat treating and fabrication of steel.

j-h-c 20 minutes Handling charge, \$1.00

ALL-STAR BASEBALL GAME OF 1948 (OF)

Here is a front-row seat at St. Louis' Sportsman's Park to watch DiMaggio and Williams pit their hitting power against Mize and Kiner. A close-up view of the American League's high-rated hitting vs. National League's much-publicized pitching.

general 11 minutes \$1.25

ALOHA (CC)

Some of the customs, industries and occupational activities of Hawaiians constitute the major part of this film. Also shown are some of the water sports of the islands. Native music constitutes the background for the narrator's voice.

i-j-h 11 minutes \$1.25

ALPHABET ANTICS (Castle)

A poem with stanzas about every letter of the alphabet is illustrated on the screen.

p-i 10 minutes \$1.25

AM I TRUSTWORTHY? (C)

Returning borrowed articles, keeping promises, doing a good job with assigned tasks are all presented as examples of trustworthiness in this film. Students see and learn that by practicing trustworthiness in the

little things of everyday life, people will trust them when important issues are raised.

p-i 11 minutes \$1.25

AMAZON AWAKENS, THE (IAA, Color)

The story of the Amazon River basin — its history, industrial progress, richness in natural resources, and the possibilities for its future.

i-j-h-c-a 33 minutes \$4.00

AMERICA THE BEAUTIFUL

(TFC, Restricted to Classroom Use, Color)

This is an inspiring film, showing the true greatness and striking beauty of our United States. The color-camera takes the viewer to the great scenic areas of the nation, to the fields of great agricultural and mineral wealth, to show that within our country lies even further opportunity for development. Our land has taken our people far, but there are greater goals to reach, greater tasks to be accomplished, and a greater future in sight.

general 20 minutes \$3.00

AMERICAN COP (MOT)

Statistics show that there has been a marked increase in crimes of violence since the war's end. The burden of putting down this crime wave falls largely on the shoulders of the man who comes to close grips with crime — the cop. The specific case depicted in the film is both exciting and authentic.

general 18 minutes \$2.00

AMERICAN PORTRAIT (ILI)

Featuring screen star Alan Ladd, this picture tells the story of improvements and better ways of life which have come into being during the last one hundred years. Inventiveness and ingenuity created the improvements, but the force which brought them into widespread use has been American salesmanship.

general 25 minutes Handling charge, \$1.00

AMERICAN REVOLUTION, THE (EB, Color)

A clear explanation of the strategy, the struggle, the movement of forces, and the important military engagements of the war for independence. Stresses geographical and social factors which brought victory to the thirteen states. Animated drawings and color photography cover the terrain and battlefields over which the war was fought.

j-h-c 12 minutes \$3.00

AMERICAN SEA POWER

(TFC, Restricted to Classroom Use)

An excellent view of American sea power just prior to the entry into World War II. Shows the fleet steam-

ing out on battle maneuvers, and the tasks the various members of the crew perform. There is entertainment during the idle moments, including a hog-calling contest.

general 11 minutes \$1.25

AMERICAN SPOKEN HERE

(TFC, Restricted to Classroom Use)

A dramatized history of several slang expressions, showing their origin and how they came to be included in the American idiom.

j-h-c 11 minutes \$1.25

AMERICAN SQUARE DANCE (C)

Relates the square dance to social dancing, teaches the positions of the dancers in relation to the calls and defines terms.

i-j-h-c 11 minutes \$1.25

AMERICAN TEACHER, THE (MOT)

Presents the pros and cons of "Progressive Education" and points out to the U.S. citizen his responsibility for the quality of the education his community provides for its young.

Yesterday's education in the U.S. was typified by the proverbial little Red School House and today's emphasis is upon the scientific principles of psychology — but all good teachers know that their methods are as individualistic and personal as any other artist's; and all realize the importance of developing in their pupils the ability to think as well as a knowledge of the facts.

h-c 15 minutes \$2.00

AMERICANS ALL (MOT)

A gripping and objective presentation of an issue which concerns every American. The film further shows how a forward-looking city like Springfield, Massachusetts offers an inspiring plan to other communities for combatting prejudices and how your school and your town can deal with the causes of this injustice.

i-j-h-c-a 16 minutes \$2.00

AMERICANS ALL (OIAA)

The young people who live and work and play between the Straits of Magellan and the Rio Grande River are honestly and dramatically depicted. It is intended to give the people of the United States a better understanding of their little-known fellow Americans to the South.

i-j-h-c 22 minutes Handling charge, \$2.00

AMERICA'S HERITAGE OF HOSPITALITY

(NREA, Color)

The American dining table in home and restaurant from colonial times to the present. Shown in the form of a cross-country travelogue, with particular emphasis

on the restaurant industry from hamburger counters to hotel dining rooms. Traces the movement of food from its sources through transportation, storage, preparation, and serving of complete meal.

j-h-c-a 22 minutes \$1.00

AMERICA'S TRAFFIC PROBLEM (MOT)

The growing danger to the public from heavy traffic and lax regulations has become a problem of great concern. With more and more of the nation's commerce depending on its highways, this film shows why the traffic problem has developed and examines some of the new solutions that are being offered.

j-a-c-a 16 minutes \$2.00

AMERICA'S WONDERLANDS (ESF)

Shows America's scenic wonders — Niagara, Crater Lake, Columbia River, Yosemite, Mount Rainier, and the Monterey Peninsula — the nation's most spectacular sights.

i-j-h 11 minutes \$1.25

AMOEBA, THE (UW)

Microphotography and animated drawings show the structure and life functions of a single-celled organism. The principal sequences in the film are: production of pseudo-podia, Amoeba pursuing and capturing prey, process of ingestion, and reproduction by fission — explained through animated drawings.

h-c 10 minutes \$1.25

AMOEBA AND VORTICELLA (EP)

Reveals the habits, physical structure, and methods of reproduction of unicellular life. Gives detailed explanations of muscular action, nerve control, methods of motivation, and processes of reproduction.

h-c-a 9 minutes \$1.25

ANALYTICAL BALANCE AND ITS USE, THE (UI)

Briefly explains and illustrates the theory of the balance, shows a simple trip balance, and explains its use; shows an analytical balance, explains the function of the various parts, and shows how to determine the rest point. An actual weighing is shown and explained. Finally several modern innovations of the analytical balance are presented.

c 14 minutes \$2.00

ANCHORS AWEIGH (OWI)

Splendid background scenes of the Navy at sea stir the audience while Conrad Thibault sings the Navy song in a rousing manner. The audience joins in the last chorus.

general 4 minutes Handling charge, 50 cents

ANCIENT BAALBEK AND PALMYRA (EB, Color)

As members of a desert caravan, pausing for water and rest, we visit the ruins of ancient Palmyra and Baalbek, in Syria. We wander among the remains of temples and halls of a city built by King Solomon to commemorate the ground on which David slew Goliath.

j-h-c 10 minutes \$2.25

ANCIENT CHINESE PAINTINGS IN AMERICA (H)

Using selected examples from the great Chinese collections in three leading American museums, Mr. Wango Weng has presented a brief survey of Chinese paintings. The representative art of each dynasty is illustrated.

h-c-a 11 minutes \$1.25

ANCIENT EGYPT (C)

A visit to Egypt to see the great Sphinx, the temple at Karnak and many examples of famous Egyptian sculpture. Three spheres in which the Egyptian civilization has contributed to western culture — development of agriculture and community living, discoveries in the arts and sciences, and evolution of religion through their polytheism — are developed.

j-h 10 minutes \$1.25

ANCIENT GREECE (C)

Many of our traditions and much of our knowledge come from the Greeks. Film shows Greek art, architecture, and gives some idea of Greek philosophy. Also excellent visualizations of the way the city of Athens, with the Acropolis, must have looked about 500 B.C., when it was in its glory.

j-h 10 minutes \$1.25

ANCIENT PETRA (EB, Color)

An archeological study of ancient Petra, a city of red sandstone caves in the heart of the Arabian desert. We see the effects of Edomite, Arab, Greek, and Roman architecture on this city which was laid under a curse in the time of Moses.

j-h-c 10 minutes \$2.25

ANCIENT ROME (C)

As a city, as a religious center, as capital of an empire, ancient Rome dominated the people of its times. Even in our modern world, the Roman influence is profound. The achievements of Rome in government, in architecture, in engineering are presented, establishing our specific inheritance from that culture.

i-j-h 10 minutes \$1.25

ANCIENT WORLD INHERITANCE (C, Color)

Illustrates many of our debts to Egyptians, Baby-

lonians and other ancient people. Produced in cooperation with the Oriental Institute, University of Chicago.

i-j-h 10 minutes \$2.25

AND THEN ICE CREAM (NYU)

Episodes are presented to stimulate discussion on the parental supervision of children's meals. Specific issues raised are: Should parent take the responsibility for a balanced diet or should child's appetite determine his intake? and Should dessert be part of the meal or a reward for eating the "must foods"?

c-a 10 minutes \$1.25

AND THEN THERE WERE FOUR (MTP)

Five persons start out for work in the morning — none of them exactly a reckless driver. But carelessness will cost one of them his life before evening. Narrated by Jimmy Stewart, it is a dramatic lesson in traffic law observance.

h-c-a 27 minutes \$3.00

ANDANTE ET RONDO (OF)

Gregor Piatigorsky, concert cellist, presents tonal magnificence of rare quality in this brilliant rendition of Weber's "Andante et Rondo."

j-c 5 minutes \$1.25

ANDES, THE (HFE)

The story of an unusual mountain range, how it is responsible for the climate, resources, and boundaries of a nation, and how it governs the lives of the people of Chile. Simple animated drawings show the effect of the Andes on Chilean climate and natural resources.

j-h-c 11 minutes \$1.25

ANDREW CARNEGIE (EB)

Reviews his life from his poverty-stricken youth in Scotland to the time when he becomes a builder of American industry. Depicts his trials and successes while working in a telegraph office, and follows his career through the years when he built the world's greatest steel-producing system. Outlines the many philanthropic activities after he realized the fulfillment of his youthful dreams.

j-h-a 22 minutes \$2.00

ANDREW JACKSON (EB)

Portrays episodes in the life of America's seventh president who has become the symbolic representative of the common man in government. Scenes of his boyhood; highlights of his military career; events in his years as President. Reveals his inauguration of a policy which led to the spoils system, and explains his attack on the United States Bank.

j-h-a 22 minutes \$2.00

ANDY'S ANIMAL ALPHABET (McGH, Color)

A trip through the Bronx Zoo with Andy, the zoo's orangutan. Visits are made to animals — some strange and some familiar — whose names begin with different letters of the alphabet.

p-i 10 minutes \$2.25

ANGEL OF MERCY

(TFC, Restricted to Classroom Use)

The story of Clara Barton, who gave the very best of her efforts in an attempt to place the women on an equal footing with the men of the world is dramatized most effectively in this appealing and moving biographical film. Her efforts finally gave birth to the Red Cross organization as it is now.

i-j-h-c 11 minutes \$1.25

ANGLES (KB)

Defines various types of angles and explains their relationships. Shows how to construct angles by means of intersecting lines, and how to measure them with a protractor.

h-c 11 minutes \$1.25

ANGLES AND ARCS IN CIRCLES (KB)

Deals with measurement of central angles, arcs, inscribed angles, and angles formed by two chords. Theorems and proofs are introduced and demonstrated.

h-c 11 minutes \$1.25

ANGRY BOY (IFB)

The story of Tommy Randall who, having been caught stealing in school, is sent to a child guidance clinic, instead of being treated as a criminal. An investigation by members of a psychiatric team at the clinic reveals that Tommy is suffering from an emotional disturbance which is traced to its basic causes. How his mother is helped to understand Tommy and how Tommy, himself, learns to accept and handle his feelings through the process of psychotherapy, provides the main drama of the picture. At the end, Tommy is on his way to recovery and the audience has been given some understanding of how unconscious motivation affects the behavior of both children and adults.

c-a 33 minutes \$3.00

ANIMAL LAND (SF)

Maybe the reason you haven't seen animal land is because it's so tiny. At any rate, right now the inhabitants of animal land are busy trying to fight a flood. The water rises higher and higher, and the people in animal land build their dikes higher and higher — all except one, who selfishly keeps his food and his logs to himself. When the flood comes, they all flee to the hill; except the selfish one, who thinks he can ride out the flood alone in his house. The

house upsets and he is drowned, but the rest of the inhabitants of animal land are safe.

p-i 9 minutes \$1.25

ANIMAL LIFE (EB)

After a rapid review of the main types of animals, the film presents a study of animal functions. An animated diagram of the tree of life is presented, together with views of the main types of animals, including sponges, coelenterates, echinoderms, worms, molluscs, crustaceans, insects, and vertebrates (fishes, amphibians, reptiles, birds, and mammals). To present animal functions, illustrations of locomotion, food intake, digestion, waste disposal, respiration, and nervous system activity are given. Animated diagrams make these illustrations more clearly understood.

h-c 11 minutes \$1.25

ANIMALS GROWING UP (EB)

Traces growth and development of representative baby animals during the first few weeks of life. Animals depicted include a litter of puppies, a new-born calf, and a hatching of chicks. The film illustrates how mother animals care for their young, and close-up scenes portray the physical changes taking place in the young animals at intervals of several days and weeks.

p-i 11 minutes \$1.25

ANIMALS IN MODERN LIFE (EB)

The major objectives of this sound film are first, to familiarize pupils with domesticated animals the world over; second, to show the three principal reasons for their domestication—to furnish power, clothing materials, and food; and third, to give an appreciation of a world in constant evolution by showing changes in the various uses of animals. Picturesque and typical illustrations from all over the world are used. This film has highest usefulness introducing a unit of study, and for review.

i 11 minutes \$1.25

ANIMALS IN WINTER (EB)

Tells how animals adapt themselves for winter, how they change the color of their hair or fur and how they survive during the months of snow. Animals shown in this new film include the badger, woodchuck, chipmunk, owl, rabbit, porcupine, bobcat, fox. It shows the changes that take place in larvae for the winter months. The preparations each makes for its winter fight for survival is clearly shown.

i-j 11 minutes \$1.25

ANIMALS OF THE ZOO (EB)

Feeding time at the zoo! This gives us a splendid opportunity to see not only the animals themselves, but the different kinds of food they eat. For some of the

animals the zoo has reproduced the conditions of their native homes. Among the film stars are the lion, tiger, eland, giraffe, bison, hippopotamus, rhinoceros, elephant, monkeys, sea lion, and the bears—brown, black, and polar.

p-i 11 minutes \$1.25

ANIMALS UNLIMITED (ASF, B&W, Color)

Depicts wild animal life in its natural state in Kruger National Park. Shows remarkable scenes of wild beasts living, fighting and dying. Includes lions, zebras, antelopes, giraffes.

p-i-j 22 minutes B&W \$2.00,
Color \$3.00

ANIMATED CARTOONS: THE TOY THAT GREW UP (AFF)

Although magic lanterns had been in vogue for many years, it was not until the invention of a child's toy that another step was taken towards today's motion pictures. The film shows how that toy, called the "traumatrope," led the Belgian physicist, Joseph Plateau, to study a characteristic of the human eye called "the persistence of vision." Plateau used this scientific fact to make up a machine that seemed to animate static drawings. Emil Reynaud developed Plateau's machine further and was the first to show animated cartoons. Reynaud perfected his machine, the "Praxinoscope," to such a degree that with it he could put on a real theatrical performance lasting a full quarter of an hour. The animated cartoons of Reynaud, of which one complete story is shown in the film, are as full of fantasy and almost as precise as the product of today's animation studios.

general 20 minutes \$2.00

ANIMULES (IFB, Color)

All you need is newspaper, paste, some wire and string, paper toweling, and paints to make some interesting and unusual "animulcs." The film shows how the basic body parts can be formed, and from there the builder's imagination can take over in developing all sorts of odd or unusual creations.

i-j 11 minutes \$2.25

ANNA KARENINA

(TFC, Restricted to Classroom Use)

A school version of MGM's feature picture of the same name.

j-h-c 40 minutes \$4.00

ANNAPOLIS (McGH)

The Naval Academy in terms of its customs, traditions, and guiding principles, together with the seriousness and hard work which make up the life of a "Plebe."

h-c-a 16 minutes \$2.00

United Nations

BOUNDARY LINES

DEMOCRACY

DESPOTISM

PATTERN FOR PEACE: CHARTER OF THE
UNITED NATIONS

PEOPLE'S CHARTER

SEARCHLIGHT ON THE NATIONS

WATCHTOWER OVER TOMORROW

WE, THE PEOPLES

PICTURE IN YOUR MIND

UNITED NATIONS SCREEN MAGAZINE #3

MAPS WE LIVE BY



ANSWERING THE CHILD'S WHY (EB)

Brings to light important aspects of the period when the child begins to ask questions. Dramatizes true-to-life situations in which youngsters meet with positive or negative attitudes toward their questions and suggest the resulting effects on their personalities. A valuable film for helping children make a harmonious adjustment to the world about them.

h-c-a 14 minutes \$2.00

ANT CITY (NA)

The complete and complex society of ants is laid bare before our amazed eyes. Their architecture, social and economic perfection, ability to organize and control, their habits, work and detailed activities are all astonishingly revealed.

j-h-c-a 11 minutes \$1.25

ANTIBIOTICS (EB, Color)

Illustrates an important new weapon in man's fight against disease. Defines antibiotics and shows how they have been used successfully in medicine. Highlights research in the development of antibiotics and calls attention to the mass production of penicillin. Also indicates use of antibiotics in animal husbandry and food preservation.

h-c-a 14 minutes \$3.00

ANTONY AND CLEOPATRA (YA)

A faithful condensation of the play with a topflight professional cast and the highest technical standards.

j-h-c-a 33 minutes \$3.00

ANTS (EB)

The film reveals various activities of four different types of ants — mound builders, black ants, household ants, and carpenter ants. The life cycle of the carpenter ant is shown in detail; this includes such activities as a queen laying eggs, workers caring for pupae, a female pupa emerging from her cocoon, and preparation for the mating flight. A battle between colonies of mound builders and wood ants is shown.

i-j 11 minutes \$1.25

ANZACS IN ACTION

(TFC, Restricted to Classroom Use)

The story of troops from Australia and New Zealand and their training for World War II. Parts of the rugged training for ground troops and Air Force gunners and bombardiers.

general 10 minutes \$1.25

APACHE INDIANS (C, Color)

Natural setting and color picturization of several tribal ceremonies.

i-j-h-c 10 minutes \$2.25

APHIDS (EB)

Most aphids have no fathers or even grandfathers. Some are born alive, while others hatch from eggs; only a few have wings. Ants keep them as cows, while the aphid itself secures its food in an unusual way. It is beset by a host of enemies, among whom is man. These scenes are supplemented by an animated drawing of the aphid's life cycle. It is an excellent picture of a little known creature.

j-h-c 11 minutes \$1.25

APPIAN WAY, THE (AFF)

A camera trip along the Appian Way in Italy, showing European Recovery Plan aid helping the Italians in dozens of ways to construct a new and better Italy.

h-c-a 10 minutes \$1.25

APPLES (FROM SEEDLING TO MARKET)

(EB, Color)

Uses the Delicious apple to trace the major steps of apple growing and packing — from planting and grafting stages through shipment of the packaged fruit. Features modern methods of horticulture including the use of helicopters for dusting the growing trees as protection against insect pests. Illustrates both natural and artificial methods of pollination. Emphasizes the care the trees and fruit receive during all stages of growth. Sequences on packing operations include scenes of washing, sorting, inspecting, wrapping, and packing.

p-i 11 minutes \$2.25**APPRECIATING OUR PARENTS (C)**

Here is a film that will serve as an important guide to promote a more genuine appreciation of parents and to establish attitudes of respect and affection for mothers and fathers. Students will realize the sacrifices made by parents and will so gain an insight into their role in the parent-child relationship.

p-i-a 11 minutes \$1.25**APTITUDES AND OCCUPATIONS (C)**

Points out that each individual possesses various amounts of many types of human aptitudes. Six of these aptitudes — clerical, mechanical, social, musical, artistic and scholastic are shown with methods to test them by means of psychological tests.

h-c 20 minutes \$2.00**ARABIAN BAZAAR (EB, Color)**

Technicolor photography portrays a Bedouin bazaar as a center where nomads buy food, blankets, leather and metal goods, exchange news and gossip, and enjoy a cup of coffee with friends.

i-j-h 10 minutes \$2.25**ARACHNIDS (UW)**

The life cycle, body structure, habitats, and special adaptations are studied by observing the garden spider. Web-spinning, food-getting, coition, and cocoon-spinning are shown. Relatives of spiders seen are: king crab, scorpions, harvestmen, mite, and tick.

h-c 10 minutes \$1.25**ARCH AGAINST THE SKY (WPP)**

Shows the advantages of a steel quonset farm building for controlled drying of corn. When not used for drying corn, this type of building can be used for other purposes; its versatility meaning greater farm profits.

a 22 minutes Handling charge, \$1.00**ARCHERY FOR GIRLS (C)**

One of the most ancient of human skills, archery today is a fascinating and healthful sport for people of all ages. It is particularly well adapted to group instruction among girls of high school and college age. With experts demonstrating, the film shows and explains the fundamental techniques of shooting: proper stance, nocking the arrow, the draw, the aim, and the loose. Stressing relaxation and practice, it is popular with beginners and experts alike.

h-c 10 minutes \$1.25**ARCHIVES, THE**

(TFC, Restricted to Classroom Use)

The approach to the Archives Building is pictured with its two statues, "Heritage" and "Vigilance," upon which the words "Eternal vigilance is the price of liberty" are chiseled. Bronze doors swing open to reveal the Exhibition Hall where some of the greatest documents of freedom and peace are on display. Valuable records are shown in the Search Room being reconditioned and treated for permanent filing, in the photostat room being copied on durable paper for public handling, and in the storage vaults where historical records are preserved on films and recordings.

j-h-c 10 minutes \$1.25**ARCTIC BORDERLANDS IN WINTER (C)**

Takes students of Churchill, Manitoba, in the late autumn for a visit that will last through the winter. Here they have an opportunity to study the land itself and the way in which all living things adapt themselves to it.

i-j-h-c 11 minutes \$1.25**ARE YOU A GOOD CITIZEN? (C)**

Mr. Heineman has just been chosen to preside over the "Citizenship Day" celebration. In this film you see why he is considered such a good citizen. A check-list of good citizenship essentials is provided, and you learn a new appreciation of the role of democratic institutions in our way of life.

j-h-c 10 minutes \$1.25**ARE YOU POPULAR? (C)**

Crystallizes teen-age problems of social behavior into a vital, compact guide to boy-and-girl proprieties and popularity. An attractive cast portrays realistically familiar situations and characterizations.

j-h-c 11 minutes \$1.25**ARE YOU READY FOR MARRIAGE? (C)**

Here is an important film that answers a need long-voiced by educational, church, and social groups. A couple, who want very much to get married, dis-

cover what it takes to be ready for marriage. A variety of vital teaching points are made a practical "checklist" of criteria for engagement and marriage is offered by a marriage counselor.

h-c-a 17 minutes \$2.00

ARE YOU READY FOR SERVICE SERIES: COMMUNISM (C)

A quite calm objective presentation of the birth and growth of communism, and why the terribly hard life of the Russian peasant was such a fertile ground for the original growth of the idea; how the original idea of betterment of the working classes has grown into the dream of world domination by the Russian leaders; and why it is imperative that we meet this threat.

h-c 11 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: GETTING READY EMOTIONALLY (C)

Most of the time in school we know where we stand, what we can and can't do. Emotional demands on us are not great. In the service, there are many new emotional demands. Education is for killing—repugnant to most of us. There is the problem of homesickness, and the problem of taking orders. We can't just go home when we want to. It will be much easier if we take stock of ourselves now—what our weaknesses are, where we need the most self-discipline—and begin to work to overcome those weaknesses before we enter service.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: GETTING READY MORALLY (C)

When entering service you will meet a lot of new people, not the least important of which is yourself. You must get a picture of the kind of person you want to be, and live in accordance with that standard. It is very easy to accept everybody else's standards, but in the end you must live with your own. Film is specific about ways in which young men entering service can live up to their own standards. It is not preachy or overly-moralistic.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: GETTING READY PHYSICALLY (C)

Service makes great demands on physical strength. Anyone who is entering service in the near future can make his basic training period and his whole service life very much easier by beginning now to develop his physical condition. The armed forces have worked out certain minimum physical standards. The film tells what those standards are, how to check yourself to determine how closely you measure up to them, and what to do to improve yourself.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: MILITARY LIFE AND YOU (C)

Discipline learned on the parade ground pays off everywhere in military life. The film draws parallels between situations in daily life where you need discipline, and situations in military life. It isn't really too different—and going by the rules is very important in the service.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: NATION TO DEFEND (C)

All of us have a stake in the future of our nation. For this reason, we have to be willing to defend it, now and in the future. The men who founded the nation gave their lives, their money—everything that they had—to help get it started. If we wish to keep it the way we inherited it from them we must be willing to fight to defend it.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: SERVICE AND CITIZENSHIP (C)

Good citizenship is important both out of service and in. All citizens of the United States have certain responsibilities to that citizenship. One of the heaviest of those responsibilities is service in the armed forces. But those of us who are not in service have responsibilities also, and accepting them is part of our job. For those who will shortly enter service, facing these responsibilities is important preparation for the further responsibilities of military service.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: STARTING NOW (C)

The struggle between Communism and Democracy is serious, and life in service is demanding. We know that sooner or later we will be faced with it. The best way to face that fact is to start *now* to prepare for it. Time slips away rapidly, and it is very easy to put the preparation off to the last minute, when it is too late. Film shows what can be done, now, to prepare for future military service.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: WHAT ARE THE MILITARY SERVICES (C)

Explains the many specialized jobs in the military services, and points out the "division of labor" between the Army, Navy, Marines and Air Force. Shows how this team, working together, operated to capture an island during World War II.

h-c 10 minutes \$1.25

ARE YOU READY FOR SERVICE SERIES: WHAT IT'S ALL ABOUT (C)

Young men are being selected today for service in

the armed forces. Why? The film is the first in a series which answers many problems which young men in service will have to face, the first of them being, why am I here? Shows the efforts the United States has made to preserve freedom and peace at the same time, and why we must be willing to make sacrifices if we wish that freedom to continue.

h-c 10 minutes \$1.25

**ARE YOU READY FOR SERVICE SERIES:
WHEN YOU ENTER SERVICE (C)**

Just what are the first days in the service like? This film shows the things that almost every recruit in every branch of the service goes through; clothing issue, assignment to barracks, shots, classification tests, drill. Some of the things a recruit needs to bring from home, and how he can get additional things that he has forgotten to bring.

h-c 11 minutes \$1.25

**ARE YOU READY FOR SERVICE SERIES:
WHY YOU? (C)**

Even when we have the big picture of why we are fighting and why we need a strong army, it is sometimes difficult to figure why they take us, as individuals, rather than some other fellows. A young man in the induction center starts figuring, eliminating certain groups of people for various reasons, until he is left with one group—young men of his age group with no dependents, and who are healthy enough and strong enough to do the job. The job is up to them.

h-c 11 minutes \$1.25

**ARE YOU READY FOR SERVICE SERIES:
YOUR INVESTMENT IN THE FUTURE (C)**

Life in the service provides a real opportunity for attaining maturity—learning to live and work with all kinds of people and learning to handle your own problems. It is not a “gap” in your life, it affords an opportunity to plan and prepare for your future. It also offers an opportunity to invest in the future of the whole country by making sure the country is strong enough to have a future.

h-c 11 minutes \$1.25

**ARE YOU READY FOR SERVICE SERIES:
YOUR PLANS (C)**

What's the use of a young man studying and trying to prepare for the future when he will probably be drafted before his plans materialize? The film points out the feasibility of planning for a future that *includes* a period of service in the armed forces, plans that will enable him to pick up again when he gets out. Also shows effectively the value planning can have for him in preparing to go into the service and what it can do while he is in.

h-c 10 minutes \$1.25

AREAS (KB)

The needs and uses for finding areas of various figures are presented in this film. It shows clear, graphic demonstrations of recognized methods for the computing areas of rectangles, parallelograms, triangles and circles.

h-c 11 minutes \$1.25

ARGENTINA (EB)

Depicts the modern metropolis of Buenos Aires as the commercial, financial, and industrial hub of predominantly agricultural Argentina. A grain broker and a packing plant employee, together with the family of the latter, are introduced as representative city dwellers. Following a portrayal of the vast pampas region as the source of Argentina's agricultural wealth, the dependence of the city on the rural hinterland is again emphasized. Spanish dialog is periodically incorporated into the film story.

i-j-h 11 minutes \$1.25

ARITHMETIC FOR BEGINNERS (BFS)

Designed for teaching of simple addition and subtraction. Explains the 2,3,4,5, and 6 families of numbers by the use of animated toy figures.

p 18 minutes \$2.00

**ARIZONA—ITS MINERAL RESOURCES AND
SCENIC WONDERS (USBM)**

This partly colored film opens with a general view of typical Arizona cactus land. The commentator then speaks of stock ranges. A map gives us some idea of the state's topography, and points out the principal mining districts. There follows a rather lengthy tour of many of the mines of the state and type of mining and statistics is given at each location, including copper, gold, manganese, mercury, limestone, gypsum, sericite, feldspar, onyx, silica, asbestos and bituminous coal.

i-j-h 40 minutes Handling charge, \$1.00

ARMY AIR FORCES—PACIFIC (OWI)

Review of the AAF from Pearl Harbor to the atomic annihilation of Nagasaki.

j-h-c 18 minutes Handling charge, \$1.00

ARMY AIR FORCES REPORT (OWI)

General Arnold's report (1944) on the AAF in film form.

general 40 minutes Handling charge, \$2.00

ARMY-NAVY FOOTBALL GAME—1947 (AFC)

Here is your opportunity to have a 50-yard line view of this famous American event. A great football game with many exciting plays. See Army's Rip Rowan's record-breaking, 92-yard touchdown run in slow motion. You will be inspired with the marching of the

Cadets and Midshipmen and enjoy the stunts put on by the students of these two Academies.

20 minutes \$2.00

ARMY NURSE (OWI)

Dramatic picturization of the role taken by American women serving with the armed forces.

j-h-c 18 minutes Handling charge, \$1.00

AROUND THE ACROPOLIS

(TFC, Restricted to Classroom Use)

A picture of modern, busy Athens with the Acropolis as a background, with orchestral accompaniment.

j-h 9 minutes \$1.25

AROUND THE CORNER (JH)

Deals in interesting fashion with the difficult problem of making clear the operation of the automobile differential. We see that it is possible for wagon wheels to travel at different speeds because each one can turn freely on the axles.

Early automobiles are seen operating this way, encountering difficulty since only one wheel was driven by the engine and thus was not always able to get enough grip on the road. Engineers had to find a way to connect both rear wheels to the engine without sliding and slipping on turns. The solution was the differential.

In a step-by-step demonstration a simple differential is built up, showing its exact operation in an understandable manner.

j-h-c 9 minutes \$1.25

ARRANGING THE BUFFET SUPPER (EB, Color)

Shows how to plan the food, the arrangement of food, and the table service for a party. Points out that good etiquette is practical.

j-h-c-a 5 minutes \$2.25

ARRANGING THE TEA TABLE (EB, Color)

Illustrates the reasoning behind attractive and correct tea-table arranging. The setting of tea for a group is used to point out the use and placement of silver, flowers, candles, tea service for two, and pouring settings.

j-h-c-a 5 minutes \$2.25

ARROWSMITH (TFC, Restricted to Classroom Use)

Excerpt from the feature film of the same name which is concerned with the issue of experimenting on human beings.

h-c 11 minutes \$1.25

ART AND LIFE IN ITALY (C)

In this exciting film, students will see the art of Italy as the result of the activities of the Italian people

in the land in which they live. Through the eyes of Coronet's overseas cameras, audiences will stand on the streets of Florence, walk through the "Gates of Paradise" by Ghiberti, go into the Arena chapel in Padua and see Giotto's frescoes and view other historic monuments and works of art.

j-h-c-a 11 minutes \$1.25

ART DIRECTOR (TFC)

Explains the work of the set creators, providing an interesting, dramatic look-see into the research required to provide authentic settings and backgrounds for the different types of production. Shows Hollywood art directors at work and presents every step in the creation and construction of the motion picture set.

general 11 minutes \$1.25

ART FOR EVERYBODY (NFBC)

Pictures the functions of the art gallery in the community, and shows how it acts both as an art repository and as a stimulus to the cultural life of the city.

c-a 10 minutes \$1.25

ART INSTITUTE (AFR)

The collection at the Chicago Art Institute covers the span from ancient to modern art. Part of the film is devoted to classroom scenes of students at work with linoleum block printing, pottery making, textile design, painting, and sketching.

h-c-a 10 minutes \$1.25

ARTERIES OF LIFE (EB, Color)

Graphically explains the last two important links in the chain of life, the parts played by water and forests. It is vividly shown that topsoil is helpless in supplying life unless aided by water, and that water itself depends upon the forests which provide humus to store and regulate its flow. Other titles in this series are: Birth of the Soil, Seeds of Destruction, and Vital Earth.

j-h 11 minutes \$2.25

ARTERIES OF THE CITY (EB)

Clarifies elements which influence the development of a city's transportation facilities. Factors considered include the distribution of residential and business sections; the daily flow of people between these sections; transportation planning; subway, suburban train, ferry, bus, and automobile traffic systems; the roles of highways, bridges, and tunnels; and police regulation.

j-h-c 10 minutes \$1.25

ARTS AND CRAFTS OF MEXICO (EB)

In the fascinating background of Old Mexico, native craftsmen are shown in their home workshops.

Spinning sheep's wool, the weaving of serapes (sleeveless coat-like blankets), basket-making, glass blowing, and pottery-making are treated in detail. The film concludes with a display and discussion of Mexico's famous Guadalajara pottery.

j-h-c 11 minutes \$1.25

AS OUR BOYHOOD IS (AFC)

A story in which education is the hero, showing the strides being made in the improvement of schools and teaching techniques available to the Negro youth in the Southern states. Improvements in educational opportunity provided by better teachers and more adequate buildings have resulted in a higher standard of living for the Southern Negro. These improvements have been brought about thru cooperative efforts of the Negroes, state and local governments, and private organizations. While much progress has been made, all groups are working together to continue the progress already made.

h-c-a 18 minutes \$2.00

ASH CAN FLEET

(TFC, Restricted to Classroom Use)

Germany's General Von Hindenberg, interviewed by a group of newspapermen shortly after the close of World War I, attributed Germany's loss of the war to the failure of the submarine campaign. And he attributed that failure to a man who had been dead over 100 years—David Bushnell. Bushnell was the inventor of the submarine, and he was also the inventor of the only really effective weapon against it; the depth bomb. We see Bushnell's first successful underwater foray against the British Fleet in the American Revolution and exciting submarine and submarine destroyer action.

general 10 minutes \$1.25

ASSEMBLING IN A JIG (UW)

Shows the procedure for drilling, burring, dimpling, and riveting an aircraft sheet metal assembly. Emphasizes: (1) following a pattern in drilling, (2) fastening parts securely before riveting, and (3) riveting procedures for long and short seams.

h-c-a 21 minutes \$2.00

ASSEMBLING IN A JIG: FITTING AND LINING UP (UW)

Shows how aircraft sheet metal parts are fitted together and accurately lined up, how to use skin fasteners, and how to correct misaligned holes.

h-c-a 16 minutes \$2.00

AT YOUR COMMAND (EC)

A report to American farmers showing many of the services now available through the Department of

Agriculture, oil company tank wagon drivers, county agents, tractor dealers, and college extension courses.

h-c 30 minutes Handling charge, \$1.00

ATMOSPHERE AND ITS CIRCULATION (EB)

Animated drawings are used throughout this film to explain the structure and the dynamics of the atmosphere. The first part of the film gives a detailed presentation of the structure, the chemical composition, the gaseous nature, the distribution of air, the weight of air, altitude and pressure and temperature variations throughout the atmosphere. The second sequence shows the circulation of the atmosphere as it would appear on an idealized globe without mountains or oceans. The circulation is explained in terms of the pressure bands surrounding the earth. The actual circulation or wind movements as affected by the earth's rotation are described in detail, both for winds near the surface and for winds aloft.

j-h-c 11 minutes \$1.25

ATOM, THE (ALF)

Penetrates the world of molecules and atoms, increased for the sake of visualization, to the size of a cathedral. The splitting of the atom is climaxed by demonstrations of the Bikini atomic explosions and how atomic energy may be harnessed for man's good.

j-h-c-a 10 minutes \$1.25

ATOM AND AGRICULTURE, THE (EB)

Reveals the legitimate areas in which radioactivity can be expected to produce practical results for agriculture. Tells the important story of the use of radioactive tracers with phosphate fertilizers and the effect of the fertilizers on a variety of crops grown under a variety of conditions. Depicts other experiments with plants, soils, and animals—experiments in which radioisotopes and radioautographs are playing an important and significant part.

j-h 12 minutes \$2.00

ATOM AND BIOLOGICAL SCIENCE, THE (EB)

Deals principally with the biological effects of high energy radiations. Explains how we are learning to utilize the good effects of these radiations on organisms as well as to guard against their harmful effects. Points out the different types of high energy radiation and explains their varied effects on organisms, making clear that the effects are essentially the same, regardless of the type involved.

j-h 12 minutes \$2.00

ATOM AND INDUSTRY, THE (EB)

Reveals how radioisotopes are providing new techniques of measurement and quality control in a wide



PRESIDENTIAL ELECTIONS

The fascinating, if sometimes brutal inner workings of a presidential campaign.

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variety of industries. Indicates how the radiation symbol is becoming a common sight in factories and laboratories and how workers are learning to handle radioactive materials safely. Examines the problem of "atomic energy for industry."

j-h 12 minutes \$2.00

ATOM AND MEDICINE, THE (EB)

Dramatically shows how, by taking radioiodine internally, one man's condition was diagnosed and cured. Describes the increasingly important role of radioisotopes in hospitals, clinics, and doctors' offices. Clarifies misconceptions about the handling, cost, dosage, and alleged dangers of radioisotope diagnosis and therapy. Shows clearly the respect with which radiation must be treated and reveals some of the instruments and devices used to handle it.

j-h 12 minutes \$2.00

ATOM SMASHERS (EB)

Describes how physical scientists are developing machines and techniques for the production and use of nuclear radiation in many beneficial fields. Calls attention to the importance of accelerators—particularly the cyclotron—and their contribution as tools of nuclear research. Illustrates how the products of "atom smashing" are identified, and demonstrates protective measures taken against the dangers inherent in this research.

j-h 12 minutes \$2.00

ATOMIC ALERT (EB)

Explains the effects of an atomic bomb explosion, and demonstrates protective measures to be taken. What to do in an air raid alert, and in an atomic bomb raid are shown. Designed to create realistic but calm attitudes, the film combines action scenes with animated drawings to achieve desirable attitudes and responses.

i-j-a 11 minutes \$1.25

ATOMIC ENERGY (EB)

Portrays and explains, by means of animated multiple drawings, concepts basic to an understanding of what atomic energy is and how atomic energy is released.

j-h-c 11 minutes \$1.25

ATOMIC PHYSICS (UW)

Part I—The Atomic Theory—starts with the theory as proposed by John Dalton in 1808 and outlines the progress of the nineteenth century, bringing in Faraday's early experiments in electrolysis, Mendeleeff's Periodic Table, and ending with ideas of the size of molecules and atoms which were then current.

h-c 11 minutes \$1.25

Part II—Rays From Atoms—demonstrates how cathode rays were investigated and the electron discovered, how positive rays were found and their nature established; how X-rays were found and quickly put to use. The great work of Sir Joseph Thomson is emphasized.

h-c 11 minutes \$1.25

Part III—The Nuclear Structure of the Atom—reconstructs the early work of Becquerel and the Curies on radioactivity and shows how Lord Rutherford's work in this field led to his theory of the nuclear structure of the atom. H. G. Moseley's brilliant work in support of this theory is visually shown by animated diagrams.

h-c 18 minutes \$2.00

Part IV—Atom Smashing: The Discovery of the Neutron. In this part the research tools of nuclear physics are described and shots of the extraordinary machines now used to bombard atoms are shown. The work of the Joliot Curies and Sir James Chadwick in the discovery of the neutron is explained and its outstanding importance driven home. The splitting of the lithium atom by Cockcroft and Walton in 1932

is discussed and a speech by Professor Einstein explains how their work strikingly illustrated his theory of the equivalence of mass and energy.

h-c 18 minutes \$2.00

Part V — Uranium Fission: Atomic Energy. Finally, the events of recent times leading up to the discovery of uranium fission are brought in, and the principal facts of uranium fission are explained in detail. The sequence includes a speech by Professor Frisch who was closely concerned in this work. The film now moves quickly toward its climax, explaining why it seemed possible to make an atomic bomb and showing shots of the great plants in America where work was done; also the ruins of Hiroshima.

h-c 18 minutes \$2.00

ATOMIC POWER (MOT)

This film takes you to the early beginning of atomic research and unfolds the story of atomic power. It not only gives the facts and figures but also in each of the re-enacted scenes are found the actual scientists who performed the original experiments; Lise Meitner, Enrico Fermi, Albert Einstein, and others of equal importance.

h-c 19 minutes \$2.00

ATOMIC RADIATION (EB)

Explains the fundamentals of atomic radiation: the dramatic story of its discovery, what it is and does, and why it must be respected rather than feared. Describes how man has been able, by learning to understand the "inside of the atom," to reproduce in the laboratory some of the forms of radiation found in nature, and more. Explains the roles of alpha, beta, gamma, and neutron particles in radioisotope research.

j-h 12 minutes \$1.25

ATTITUDES AND HEALTH (C)

Marv Baker didn't make the basketball team. Alice was actually ill because she failed to get an expected promotion. The situation seemed hopeless until they learned, as the film teaches, that wrong attitudes prevent the individual from doing his best, and can even cause physical illness. The film shows that both achievements and failures have meaning only in perspective, and that self-confidence and right attitudes are vital to good health.

j-h-c 10 minutes \$1.25

AUDIO-VISUAL AIDS TO LEARNING (UW)

Prepared primarily for use in occupied areas, shows the approved and complete utilization of materials from a typical American Audio-Visual Aids center.

h-c-a 11 minutes \$1.25

AUSTRALIA (EB)

A survey of the geographic, economic, and social factors characterizing Australia today. Contrasts urban and industrial concentration in East and Southeast with slower development in the arid central and western areas. Describes Australia's principal exports and imports, and reveals a modern and progressive society maintaining strong economic and social ties with the motherland, Great Britain.

i-j-h 10 minutes \$1.25

AUSTRALIA TODAY (ANIB, Color)

Shown are the fine cities, the beaches, mountains, and magnificent coastal scenes of Australia, as well as her mines, farms, sheep and cattle ranches, flowers, animals, and birds. Many interesting features of the Island Continent.

j-h-c-a 35 minutes \$5.00

AUSTRALIA'S PLATYPUS (LF)

Traces the origin and shows the breeding and habits of this animal, native only to Australia.

i-j-h-c-a 13 minutes \$2.00

AUTOMOTIVE SERVICE (VGF)

Gives the viewer a picture of the jobs in the field of automotive service. Millions of cars and trucks on the highway have created thousands of jobs for mechanics since these machines must be repaired and maintained if they are to operate. Sequences present different aspects of maintenance work on motors such as bearing replacements, valve grinding, block and body welding, brake adjustment, and electrical repair. Most schools offer courses in shop work, mechanical drawing, and mathematics which directly aid a boy in preparing himself for an automobile service job.

j-h-c 11 minutes \$1.25

AUTUMN IS AN ADVENTURE (C, Color)

Autumn, an adventure of falling leaves, beautiful colors, harvests, animals getting ready for winter, windows, and raking leaves, is shown through the experiences of two children. The audience participates in singing songs, reading poems, and learning new words about autumn.

p 10 minutes \$2.25

AUTUMN ON THE FARM (EB, Color)

Shows all the fun and work of farm life in autumn.

p-i 11 minutes \$2.25

AUXILIARY VIEWS, PART I (McGH)

This film begins by showing that the three principal views do not represent the true surfaces of an object

that has one or more slanting faces. This condition is shown to require projection of the slanting surface on a plane which is parallel to it and is not one of the principal planes. Thus auxiliary projection is explained and defined and an auxiliary elevation is constructed on the screen. Other titles in this series are: Auxiliary Views, Part II; Language of Drawing; Sections; Shape Description, Part I, Part II; Shop Procedures; and Size Description.

h-c 10 minutes \$2.00

AUXILIARY VIEWS, PART II (McGH)

A detailed description of the three types of single auxiliaries — auxiliary elevations, right and left auxiliaries, and front and rear auxiliaries — is shown. To point up this description, a number of familiar household articles are shown having slanting surfaces that require auxiliary views for complete representation. For other titles in this series see Auxiliary Views, Part I.

h-c 10 minutes \$2.00

AUXILIARY VIEWS: DOUBLE AUXILIARIES (McGH)

Following a brief review of orthographic projection on three principal planes and on auxiliary planes, the film introduces an object to be drawn possessing a slanting face not perpendicular to any of the principal planes. Theory of double auxiliary or oblique view is described in detail. For other titles in this series see According to Plan: Introduction to Engineering Drawing.

c 11 minutes \$2.00

AUXILIARY VIEWS: SINGLE AUXILIARIES (McGH)

Auxiliary projection is explained and defined together with detailed explanation of the different types of auxiliaries: auxiliary elevations, right and left auxiliary views, and front and back auxiliary views. For other titles in this series see According to Plan: Introduction to Engineering Drawing.

c 23 minutes \$2.50

AVE MARIA (Castle)

Deanna Durbin sings Schubert's immortal song.

j-h-a 4 minutes \$1.00

AVE MARIA (OF)

Elisabeth Schumann, renowned opera-lieder singer, exults in the Ave Maria by Schubert, filmed against a background of symbolic beauty.

j-c 5 minutes \$2.00

AVE MARIA (UW)

The camera gives varying angles and close-up details of Da Vinci's "Last Supper," with the music of "Ave Maria" as a sound background.

general 10 minutes \$1.25

BABY ANIMALS (YA)

An elementary science film dealing with animals and their young. Introduces and explains such concepts as degree and nature of care, resemblance to parents, general growth patterns, variation in ability to care for selves, and the fact some baby animals are hatched from eggs and others born from the body of the mother.

p 10 minutes \$2.00

BABY CARE: FEEDING (EFLA)

Divided into two major sequences — correct feeding of the baby and baby's food — the film depicts the more accepted procedures at present in the science and art of infant feeding.

h-c 23 minutes \$2.00

BABY MEETS HIS PARENTS (EB)

Shows how differences in personalities can be accounted for, not only by heredity, but also by the human relationships and environmental factors experienced during the first years of life. It explains, with life situations, how the infant personality is influenced directly by the extent to which the baby finds fulfillment of his basic needs — food, elimination, and loving care.

h-c 11 minutes \$1.25

BABY SITTER (YA)

Discusses the mutual problems and responsibilities of the baby sitter and the parent who employs her, as well as the important skills and knowledge which the sitter should have. The film's story is built around the experiences of Mary Gibson, a teen-age girl, on her first visit to the Browns' home where she spends the evening with Baby (age one) and Sue (age four). Presents most of the important problems which any sitter, boy or girl or adult, would encounter in such a situation.

16 minutes \$2.00

BABY'S BATH (EB)

Illustrates correct methods for the baby's bath. Emphasizes that the bath is important not only for cleanliness but also as exercise, enjoyment, and social contact with the mother.

j-h-c-a 15 minutes \$2.00

BABY'S DAY AT 48 WEEKS (EB)

Wholesome methods of child care are portrayed in numerous situations, including the administration of cod liver oil and orange juice, the bath, dressing, feeding, and elimination, floor play, and daytime naps and sleep. Emphasis is placed on the psychological implications and the educational significance of the infant's everyday experiences.

h-c-a 11 minutes \$1.25

BABY'S DAY AT TWELVE WEEKS (EB)

The infant is followed through his domestic day from the time of his waking at six o'clock in the morning until the final breast feeding at ten o'clock at night. His dressing, bathing, feeding, daytime naps, play, and general care are presented. An interpretation of the significance of his various reactions is offered.

h-c-a 11 minutes \$1.25

**BACKGROUND FOR LITERATURE —
THE LADY OF THE LAKE (C)**

Sir Walter Scott's poem comes to life. In providing a brief background of the author's life, in giving visual meaning to the poem's vocabulary by showing the actual background in Scotland that is its setting, this picture teaches the concept that literature has its roots in actual places, people, and events.

j-h 10 minutes \$1.25

BALLAD OF THE WEST (EB)

Based on western folk tunes, this film tells the story of a cowboy's longing to have his own herd and brand and to be his own boss. Photographed against the magnificent background of Arizona's Castle Hot Springs, the story revolves around the popular ballad, "The Chisholm Trail."

c-a 14 minutes \$2.00

BACKWARD CIVILIZATION (EB)

A survey of the life among the Berbers of North Africa, a typical instance of the persistence of old isolated types of civilizations. Every significant aspect of the daily life of these people is shown. Their crude handicrafts, their primitive agricultural methods, their customs and superstitions, form a background for contrast with contemporary life in machine age.

j-h-c 20 minutes \$2.00

BADMINTON FUNDAMENTALS (C)

Fundamental skills and rules of badminton are demonstrated in this film by both expert and novice players. How to serve, the forehand and backhand shots, and other important playing techniques are shown providing a valuable guide for better understanding and enjoyment of this popular game.

j-h-c-a 11 minutes \$1.25

BAKING INDUSTRY, THE (VGF)

One of a series for use in presenting the facts about an occupation for vocational guidance.

j-h-c 10 minutes \$1.25

BALI TODAY (EB, Color)

Against a background of Balinese music, the film portrays life on this tiny island in Indonesia. Empha-

sizes the role of the Brahmin religion in everyday life with scenes of the rice harvest, dance ceremonies, and flower offerings to the gods. Examples of weaving and mask-carving illustrate Balinese Art.

i-j-a 11 minutes \$2.25

BALL HANDLING IN BASKETBALL (EB)

Presents fundamentals of stance, grip, feel in practice and game situations. See *Defensive Footwork in Basketball* and *Shooting in Basketball*.

j-h-c 10 minutes \$1.25

BALL HANDLING IN FOOTBALL (EB)

Stance, grip, fingertip control, receiving and throwing in slow motion and animation. See *Blocking in Football* and *Tackling in Football*.

j-h-c 10 minutes \$1.25

**BALLOONS: AGGRESSION AND
DESTRUCTION GAMES (NYU)**

Two boys, both between the ages of four and five, are subjects in a projective situation designed for the study of aggressive and destructive impulses. It shows how differently two children, but a few months apart in age and from similar backgrounds, respond to a graduated series of opportunities and invitations to break the balloons.

h-c-a 20 minutes \$2.00

BALTIMORE PLAN (EB)

Skillfully documents a plan in which municipal agencies cooperated in a unified program for housing improvement. Reveals the success of this plan in Baltimore in raising the quality of housing to meet acceptable standards of health and sanitation.

h-c-a 20 minutes \$2.00

**BAND PLAYS ON, THE
(TFC, Restricted to Classroom Use)**

A gang of "tough" kids finds out that they have something to learn about football after all. The playground coach makes loyal followers of them. They attend college where he is the coach, and their loyalty to him succeeds in helping them overcome the temptation to sign professional contracts before they have graduated.

j-h 10 minutes \$1.25

BAND TECHNIQUES: BAND ATTENTION (CFS)

Presents opening rehearsals of marching band season. Twenty-five per cent of this group are new members, consequently, the problems faced by every director at the beginning of the season are depicted. Special emphasis is placed upon fundamentals of posture, stride, and dressing.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: BAND ON THE MARCH (CFS)

Continuation of Band Attention . . . step by step development of teaching techniques in getting a band ready for the first game with fundamental maneuvers and a short routine . . . variations of fundamental maneuvers and the basic to the rear . . . added emphasis upon uniformity of posture, stride, dressing, and swing of hands.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: BATON DIRECTING (CFS)

Presented with the distinct purpose of training student directors, and making those who follow the baton more conscious and understanding of the director's gestures. The full meaning of the conductor's gestures is brought out. Each movement of the baton is carefully explained.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: BATON TWIRLING (CFS)

Mary Evelyn Thurmon, champion twirler, exhibitionist and well known teacher, makes twirling easy exactly as she does in her class teaching. All of the standard contest rudiments are included, plus a special routine.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: DRUM MAJOR (CFS)

Wallace Pearson, drum major of the Sexton Band, presents fundamental signals plus signals for special maneuvers. Mr. Pearson has often been described as the "perfect drum major" and is perhaps the most photographed drum major in the land.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: MANEUVERS FOR FIELD AND STREET (CFS)

Presents new and novel marching maneuvers built upon the techniques explained in the three preceding films. Obliques, and short obliques . . . diminish files . . . telescope . . . singlefile reverse . . . odd files reverse . . . right flanks reverse . . . salute . . . bomb-shell . . . T formation.

j-h-c-a 11 minutes \$1.25

BAND TECHNIQUES: MILITARY MANEUVERS (CFS)

In addition to regulation maneuvers, this film presents a variation of them . . . many new and involved maneuvers being presented. Again, they are presented exactly as they are developed in this band . . . flank, boxflank, diminish ranks, divided reverse, split fours, box counter march, box turn and variations. Included is a typical routine used at half time.

j-h-c-a 11 minutes \$1.25

BANKS AND CREDIT (C)

Students are shown the ways in which money is put to work by commercial banks. We see how credit is created, transferred, how it serves everyone, and how deposits—both time and demand—help supply the funds which enable the bank to fulfill its credit function.

j-h-c 11 minutes \$1.25

BARBADOS AND TRINIDAD, GARDENS OF THE CARIBBEAN (TFC, Restricted to Classroom Use)

These Caribbean garden spots were discovered by Columbus, and today are largely populated by descendants of slaves brought from Africa in the days of the slave trade. Many of them have Irish names because of the fact that ships' clerks had to name them to identify them, and many of the clerks were Irish. We see the strange phenomenon of Pitch Lake, a natural lake of asphalt, and the natives going about many of their daily occupations.

general 7 minutes \$1.25

BARBER OF SEVILLE (OF)

The comic opera by Rossini wherein the Count of Almaviva falls in love with the young and beautiful Rossina. All is not well for the lovers, however, because Rossina is kept under the strictest observation by her old guardian, Bartolo, who is also enamoured of her. The Count enlists the aid of one Figaro (the Barber of Seville), who doubles in brass for nearly every trade known to man. Figaro's humorous machinations unite the two lovers and foil the designs of the old guardian. The continuity of this opera by Rossini is carried by a narrative background and highlights of the music are sung by singers of the La Scala opera company in Milan. Tito Gobbi sings the role of the barber.

general 25 minutes \$3.00

BARGAINING COLLECTIVELY (TFC Restricted to Classroom Use)

Set in the period of the nineteen-thirties, this film presents arguments of labor and management for and against union recognition, as a committee of workers meets with the plant directors to settle a strike. No conclusion is reached in the film, which ends with the board chairman provocatively calling for a vote on the issue.

h-c-a 10 minutes \$1.25

BAR-RAC'S NIGHT OUT (TFC, Restricted to Classroom Use)

The adventures of a raccoon in search of food who encounters a bobcat, a rabbit, an owl, and a frog. He then enters a cabin and meets a parrot and some puppies.

general 11 minutes \$1.25

BASEBALL FUNDAMENTALS AND TECHNIQUES (I)

Produced for the New York Giants for use by their farm clubs. Features members of the Giant team demonstrating proper batting, running, fielding and general major league baseball techniques at every position. Introduction by manager Leo Durocher of the Giants and narration by Russ Hodges.

j-h-c-a 45 minutes \$4.00

BASEBALL TODAY (OSFS)

The rules of baseball are explained and clearly illustrated in this comprehensive review of the game. Many of the "delicate" situations of umpiring are screened and the audience asked to rule on them.

h-c-a 33 minutes \$3.00

BASIC COURT PROCEDURES (C)

Here is an exciting story in which two high school students learn from a practicing lawyer the function of the courts and how our law operates. In the development of a "criminal case," many specialized legal terms are clearly defined and the audience sees the roles played by the various courtroom figures. The film teaches not only the function of courts, but the place of the judicial system in a democracy. The dual purpose of courts in America is established in this unique blend of interest and instruction.

j-h-c 15 minutes \$2.00

BASIC FIBERS IN CLOTH (C)

Develops a particularly realistic motivated interest in the basic materials from which cloth is made. Other titles in this series are What Is Cloth; Wool; and Yarn and Cloth Construction.

j-h-c 11 minutes \$1.25

BASIC TYPING — MACHINE METHODS (UW)

Demonstrates the correct posture for typing and proper fingering of the keys; shows the use of the shift key, back spacer, tabulator, carriage return lever, etc. on both manual and electric machines; and discusses the function of various fixtures on the machines. Correct insertion of single sheets and a carbon pack is also demonstrated together with the use of the paper release and carriage release levers.

h-c 30 minutes \$3.00

BASIC TYPING — MACHINE OPERATION (UW)

The principal parts of a typewriter are pointed out, and their function and use are discussed and demonstrated on different machines, together with the correct touch for noiseless, manual, and electric machines.

h-c 30 minutes \$3.00

BASKETBALL BY THE CODE (IHSA)

Transposes the rules of the game from the printed page to motion picture sequences. It is designed to be of service to officials, coaches, and players. It will assist students and fans to acquire a knowledge of the rules of the games and an appreciation of the niceties of "inside information." (Available only to I.H.S.A. members.)

h 30 minutes \$3.00

BASKETBALL FOR GIRLS — FUNDAMENTAL TECHNIQUES (C)

Combining fast action and slow motion photography, skillful players, and sound basketball know-how, this film demonstrates fundamental techniques of ball-handling, passing, and shooting. It emphasizes the value of practice and importance of individual skill to team success.

j-h-c 10 minutes \$1.25

BASKETBALL FOR GIRLS — GAME PLAY (C)

The finer points for the sport are demonstrated here. Individual player techniques in offense and defense are shown . . . pivoting, feinting, passing, screening, shooting, handling rebounds.

j-h-c 10 minutes \$1.25

BASKETBALL IS FUN (BFS)

Designed to introduce basketball to beginning students in the upper elementary and junior high school grades. Using a playing situation, the elements of the game are presented simply, clearly, and in nontechnical language.

i-j 15 minutes \$2.00

BASKETBALL TECHNIQUE

(TFC, Restricted to Classroom Use)

A study of basketball technique. Slow motion photography and repetition of shots give a chance to learn the intricacies of play.

j-h-c 8 minutes \$1.25

BASKETBALL THRILLS OF 1948 (OF)

Close-ups of the nation's top teams competing in the National Invitation Tournament, and the foremost collegiate teams' battle for the crown in the N.C.A.A. finals.

i-j-h-c 11 minutes \$1.25

BASKETBALL TODAY (IHSA)

Facts and interpretations of the high school game. (Available only to I.H.S.A. members.)

h 30 minutes \$3.00

BASKETBALL UP-TO-DATE (IHSA)

Rules interpretation and illustration. (Illinois High School Ass'n film which may be sent only to I.H.S.A. members.)

h 30 minutes \$3.00

BATHING BUDDIES (Castle)

Woody Woodpecker and Wally Walrus in a riotous bathtub mix-up.

general 7 minutes \$1.25

BATHING THE PATIENT (USN)

The procedure for making a neat bed with minimum disturbance to the patient is shown. The proper method of washing the patient with as much comfort as possible is also demonstrated.

c 20 minutes \$2.00

BATTERY, IGNITION AND ELECTRICAL SYSTEM (UW)

For the auto mechanic. Shows how to check and service the battery; how to check the starting motor and the generator; how to inspect low tension wiring; how to check the lighting circuits and electrical instruments; how to test the voltage and current regulator; and how to check and test the ignition system.

h-c-a 26 minutes \$3.00

BATTING FUNDAMENTALS (C)

The batter's average depends on how well he has mastered the fundamentals of selecting the right bat, using the correct grip, taking a proper stance, keeping

his eye on the ball, using a level swing into the ball, and finishing with a complete follow-through. These points and the exercises by which they are mastered are brought to light by top form professionals.

j-h-c 11 minutes \$1.25

BATTLE, THE (TFC, Restricted to Classroom Use)

Made just a few months prior to Pearl Harbor, this film is of great historical interest because of the insight it gives into the type of war the Navy was planning for. This may be compared with the way the war actually came about. Gives an excellent picture of the tremendous amount of supplies and equipment needed for the fleet, and the cooperation necessary between the various fleet components in order to make operations successful.

general 10 minutes \$1.25

BATTLE FOR BREAD (UW)

Somewhere, in every country in the world, people are hungry. In some places they are actually starving. The problem of how to get food to these hungry people, is the problem of the U.N. food and agriculture organization. Some areas produce more than they need, and the problem is one of distribution. Some devastated by war or hampered by over population, must be given aid to increase production. Technical aid, equipment, breeding stock, etc., furnished by the F.A.C. are making a beginning toward reducing the ravages of hunger in all parts of the world.

h-c-a 20 minutes \$2.00

BATTLE FOR FRANCE (UW)

Dramatic evacuation of burning Dunkerque by 300,000 British troops after Belgian collapse. French tanks, planes, infantry and artillery in fierce action, defending rear as main armies retreat. Paris bombed before surrender. Maginot Line abandoned. Petain Premier. Paris occupied.

h-c 10 minutes \$1.25

BATTLE FOR OIL (EFLA)

Is based on captured German war films, Allied newsreels, and original documentary material. Some important generalizations expressed in this film are that oil is the most important of the natural resources in the present war, that each day of warfare means the consumption of vast quantities of oil products, that oil resources are being pooled among nations, that transportation is the most critical problem to the Allied Nations in drawing upon their huge oil supplies, and that the increased demand for gasoline and oil products is leading to the exploitation of new oil reservoirs.

15 minutes \$2.00

BATTLE OF BRITAIN (OWI)

An animated drawing of the German Swastika spreading from the heart of Berlin to the English

Social Problems

I AM AN ALCOHOLIC
CHALLENGE OF HOUSING
CHILDREN ON TRIAL
A CLOSED BOOK
DRUG ADDICTION
STEPS OF AGE
RURAL REDEVELOPMENT



Channel is the symbolic opening of this film. Animated scenes depict the plan for conquest. Meanwhile, Britain is preparing. She organizes her home guard, strengthens her defenses, goes into her mines, her shipyards, and works fifty, sixty, and seventy hours a week. A series of montage scenes reveal Hitler's desperate attempts to smash the spirit of the British by leveling their cities with incendiary bombs, and by launching constant night attacks. A final sequence consists of scenes of the RAF and of Winston Churchill and depicts how the British Royal Air Forces had saved the Allies a year for preparation against the enemy.

h-c 54 minutes \$6.00

BATTLING BRUCELLOSIS (USDA, Color)

"Brucella abortus" is the name of a germ. Its attack on cattle is brucellosis, sometimes called contagious abortion. Undulant fever in humans comes from the use of milk from infected cows. The film emphasizes three control steps. Animated diagrams portray the route by which the germs attack their victims.

h-c 20 minutes \$3.00

BEACH AND SEA ANIMALS (EB)

Among the animals brought to the screen are the starfish, sea-urchin, crab, cuttlefish, octopus, crayfish, lobster, shrimp, snail, scallop, and the sea cucumber. The physical structure and activities of these animals are presented in an intimate way. The balance in nature or interrelations of various animals is clearly illustrated, special emphasis being placed on their methods of protection.

j-h-c 11 minutes \$1.25

BEACH NUT (Castle)

Wally Walrus and Wood Woodpecker at the beach.

general 7 minutes \$1.25

BEAN STALK JACK (UW)

Animated cartoon of Mother Hubbard's nursery rhyme.

p 11 minutes \$1.25

BEAR AND ITS RELATIVES (C)

Bears of all kinds plus Mei-Mei, the panda.

p-i 20 minutes \$3.00

BEAT BALL (IU)

Shows and explains the diamond, the proper bases, and the types of balls that may be used. Pictures a simple way to divide the teams and to start a game. Shows, with several variations, how the batter throws and hits the ball. Explains the object of the game and the rules.

i-j 4 minutes \$1.25

BEATTY'S ANIMAL THRILLS (UW)

Clyde Beatty, acclaimed the greatest wild animal trainer, is shown in one of his thrilling performances. He defies the fang and claw of vicious lions and treacherous tigers, all in one arena.

j-h-c 11 minutes \$1.25

BEAUTY AND THE BLADE

(TFC, Restricted to Classroom Use)

Barbara Ann Scott is featured in some of the graceful and spectacular gyrations which won for her the Olympic figure skating championship.

j-h-c-a 9 minutes \$1.25

BEAVER, THE (EB, Color)

Shows activity of the beaver in its natural environment. Illustrates ways in which the beaver's teeth, feet and tail help him in swimming, eating, felling trees, and repairing a broken dam. Reveals the construction of a beaver house, and stresses the importance of the animal as an agent of conservation and as a valuable fur bearer.

i-j 11 minutes \$2.25

BE CLEAN AND HEALTHY (LF)

Contrasts healthy children at play with a sick child looking on. Stresses cleanliness of the body, the home, and the community.

i 9 minutes \$1.25

BE YOUR AGE (MLI)

A discussion of the action of the human heart and why it is necessary for us to "slow down" our physical and mental activities as we grow older. Shows how people with weak hearts can still live active, useful lives.

j-h-c-a 10 minutes \$1.25

BEETLES (EB)

In this biological science picture, the complete life histories of the tiger, ladybird, and Japanese beetles are vividly revealed on the screen. Many rarely observed events in their lives are presented; some comic, some tragic. The economic relation of beetles to man is definitely brought out. Picture and narrative demonstrate how some beetles have been pressed into the service of man, while others are harmful and must be destroyed through ceaseless warfare carried on by man.

j-h-c 11 minutes \$1.25

BEFORE THE ALARM (NBFU)

Illustrates the work of fire prevention engineers and how they help save lives and money.

j-h-c 10 minutes Handling charge, \$1.00

BEFORE THE BABY COMES (KB)

Shows the mother's first trip to the doctor and explains the value of an early physical examination. Correct clothes are shown and explained, then dental care, foods to be eaten, exercise, bathing, and other practices for good health during the period of pregnancy.

h-c-a 12 minutes \$2.00

BEGINNING OF HISTORY (IFB)

The pre-history of Great Britain, from the ice age to the coming of the Romans. Distributor says: "The underlying theme is the continuity of human life and culture, that the past is continuous with the present, and the events of thousands of years ago help to shape our own history and national characteristics."

j-h-c-a 46 minutes \$4.00

BEGINNING OR THE END

(TFC, Restricted to Classroom Use)

A classroom version of MGM's feature picture. The main concern and the most dramatic item is the atomic bomb. Opening scenes show some early experiments with nuclear chain reaction. Some work at Oak Ridge, the exciting and terrifying Los Alamos bomb test and last dropping on Hiroshima.

h-c-a 30 minutes \$3.00

BEGINNING RESPONSIBILITY: TAKING CARE OF THINGS (C)

The need for a persuasive means of interesting children in the importance of taking care of their belongings. Explains how and why children should care for things at school and at home, stressing the importance of having definite places to keep things, putting articles back where they belong, cleaning up after playtime and storing and handling things properly to prevent accidents or damage.

p-a 11 minutes \$1.25

BEGINNING TENNIS (BFS)

A high school boy is introduced to the rudiments of tennis as Bill Tilden assists him in learning how to shake hands with the racket.

j-h-c 10 minutes \$1.25

BEGINNING TUMBLING (C)

Illustrates the proper methods of executing the following tumbling stunts; forward roll, dive to forward roll, 3-man sideward roll, backward roll, double roll, tip-up, hand stand, head stand, forearm and head stand, hand walk, cartwheel, round-off and combinations. (See Advanced Tumbling.)

j-h-c 11 minutes \$1.25

BEGONE DULL CARE (NFBC, Color)

A visual interpretation of jazz music played by the Oscar Peterson Trio. Painted directly on film by

Evelyn Lambart and Norman McLaren. Constantly changing color, restless and ever-changing lines.

p-i-j-h-c-a 16 minutes \$3.00

BEHIND THE CRIMINAL

(TFC, Restricted to Classroom Use)

The criminal's lawyer is the man who stands behind him — fixing witnesses, establishing alibis, faking evidence. He is the man who, in many cases, is responsible for the criminal being free. In this film we see how one of these lawyers is entangled in a web of his own greed — caught with the same methods he has often used in the past to free his clients.

general 20 minutes \$2.00

BEHIND THE CUP (FSSF, Color)

Scenes starting with the growth of coffee in San Salvador to the finished product in the testing kitchen where proper method of coffee making is described include: setting out of seeds in nursery; picking of coffee cherries five years after the seeds are planted; transportation to the mills; explanation of bean; cross section of cherry; processes of cleaning and drying; soaking; roasting for testing; processes in the plant, blending, roasting, and grinding, vacuum packing; and the correct procedures in making good coffee.

j-h-c 45 minutes Handling charge, \$3.00

BEHIND THE GUNS (CFC)

The general theme of this film is the attack of the craftsmen at home. Scenes show the making and testing of Bren guns, big cannon, tanks, airplanes, and ships. Many factory scenes. The use of dramatic closeup shots of the workers' faces helps to build a powerful documentary film. Unusual background music helps to build up proper moods.

j-h-c 19 minutes \$2.00

BEHIND THE SHOP DRAWING (JH)

After a series of pictures to show the importance of shop drawings, the narrator discusses perspective drawing with moving pictures illustrating the points made. The method of making the drawing is shown step by step, pictured by animated lines, arrows and transparent paper so that the reason for each line can be easily understood. Drawings of more complicated objects are explained, as are the dimension figures and lines. Scale drawings are shown. The picture finishes with a section devoted to blueprints.

h-c 22 minutes \$2.00

BEHIND THE WHEEL (GM)

Compares driving with sports in which you must learn rules and regulations. Illustrates the starting, shifting, backing, stopping and parking of a car.

j-h 20 minutes Handling charge, \$1.00

BELA HORIZONTE (OIAA)

This is the story of Brazil's "planned city with a plan." Bela Horizonte, a city of over two hundred thousand inhabitants, is unique in that less than fifty years ago, before a single house or street was built, complete plans for its building were drawn up. Now it is one of the most progressive and modern cities in the world and is located in a section rich in mineral resources.

i-j-h-c 17 minutes Handling charge, \$1.50

BELLES OF BALI

(TFC, Restricted to Classroom Use)

Dancing forms an integral part of life in Bali, from the highly stylized rituals of the Temple Dancers to the ornate pageantry performed at births, weddings, and funerals. We see an old temple dancer training his young pupils to carry on the ancient traditions. In addition to the colorful pageantry, we see the brisk business in the market place in this busy, bustling, island community.

general 8 minutes \$1.25

BELLS OF HOLLAND (FON)

Shows the entire process of making bells from the drafting board to the finished product. Animated sequences give a comprehensive idea of the skill and time required to make a bell of true tone. The manufacturing of the set of bells recently installed in St. Martin's Church in New York City is featured.

j-h-c-a 11 minutes \$1.25

BELLUM PUNICUM SECUNDUM (LF)

Interesting experiment. Filmed in Latin dialogue to show that spoken Latin is far from a dead language.

11 minutes \$1.25

BELONGING TO THE GROUP (EB)

Examines the meaning of the idea of respect and explains its essential relation to living in a democracy. Dramatically illustrates the origin and development of some of the barriers to respect, and suggests ways and means by which such barriers can be avoided and done away with. Indicates how respect must be exchanged among all members of society.

h-a 16 minutes \$2.00

BENARES, HINDU HEAVEN

(TFC, Restricted to Classroom Use)

Benares, a city located at the widest and deepest part of the sacred river Ganges, has a long tradition as a holy city. The ancient Aryans, ancestors of the white races, worshipped there many years ago. As the city grew, these ancient traditions became stronger, and now the Hindus hold it in reverence as a sacred place.

We see the religious ablutions in the Ganges and the ceremonial cremation of a dead person.

general 10 minutes \$1.25

BENEATH OUR FEET

(TFC, Restricted to Classroom Use)

Glimpses of the insect world which exists in the grass are here seen. We see an ant drinking a dew drop. Rival male crickets fight, the victor courting the female. A cricket "sings" by moving its wings.

The grotesque heads of the wolf spiders are shown in detail. A sand cricket struggles with a trap-door spider, then with a centipede whose poisonous bite kills him. There are shots of aphids, being eaten by ladybird larvae, and of bees on flowers.

i-j-h-c 11 minutes \$1.25

BENEATH THE SEA

(TFC, Restricted to Classroom Use)

The tentacles of a gillyfish and the flower-like sea anemone move rhythmically with the motion of the water. Barnacles, sea urchins, sea cucumber, starfish are engaged in seeking food, while a hermit crab inspects and finally crawls into a new shell abode. Animated diagrams are used to indicate the development of a fish; microphotographs show us the maturation of a fish egg and the circulation of blood in a fish embryo. A shark and octopus engage in battle, the octopus discharging an inky fluid which serves him as a sort of smoke screen.

i-j-h-c 11 minutes \$1.25

BENEFITS OF LOOKING AHEAD (C)

A sound understanding of the importance of thinking seriously about the future and *doing* something about it is developed. By encouraging students to look ahead to the kind of life they will want, the film helps them think constructively about immediate problems and work to obtain that life.

j-h-c-a 11 minutes \$1.25

BENJAMIN FRANKLIN (EB)

Produced with Carl Van Doren as collaborator, the film portrays highlights in the rich, full life of Benjamin Franklin, statesman, man of letters, and scientist-inventor. Depicts early struggles as an apprentice, later successes as publisher and author, experiments in science, growing ability as statesman and diplomat, and experiences as American representative to England and France. Also dramatizes several historical events with which Franklin was closely associated.

j-h 20 minutes \$2.00

BETTER CHOICE OF WORDS (C)

A high school girl is introduced to the principles which lead to effective choice of words. She gains in-

creasing proficiency in communication by broadening her vocabulary, by keeping in mind a clear picture of what she wants to say, and by choosing her words for her listeners.

j-h 10 minutes \$1.25

BETTER FARM HOMES WITH CONCRETE (PCA, Color)

Shows the many ways concrete and concrete products can be used advantageously in building and remodeling farm homes.

h-c-a 20 minutes No charge

BETTER READING (EB, Color)

Clearly reveals the problems confronting the slow reader and suggests ways in which they can be met and solved. Tells the story of an intelligent high school boy whose work suffers from his slow reading habits. Portrays the methods used by a reading clinic in helping him to increase his reading speed, understanding, and his vocabulary.

j-h 12 minutes \$3.00

BETTER USE OF LEISURE TIME (C)

There are many leisure time activities open to young people that are both interesting and educational. This film serves as a helpful guide in developing a constructive attitude about leisure time. It shows how time can be used best through a self-planned program of leisure time activities.

j-h-a 11 minutes \$1.25

BEVEL PROTRACTOR, THE (USOE)

Shows the principles of the vernier bevel protractor; how to set and read the bevel protractor; and how to use the protractor to lay out angular work and check angles.

h-c 15 minutes \$2.00

BEVELING, MITERING, RABBETING, AND DADOING (UW)

Cutting bevel with tilted fence; how to cut a bevel with tilted blade; how to set a miter gage; how to use a stop-block in mitering; how to set the fence and blade for cutting rabbets; and how to install and use a dado head.

h-c-a 19 minutes \$2.00

BEVELING, STOP CHAMFERING, AND TAPERING SQUARE STOCK (UW)

Setting fence for bevel cutting; how to adjust the proper amount of cut; how to cut chamfer; how to set the infed and outfeed tables for stop chamfer; how to set stop blocks; how to cut tapers; and how to observe all safety precautions.

h-c-a 20 minutes \$2.00

BEWARE — SNAKES (LF)

Avoid places where snakes might be hiding (old logs, etc.) Shows first aid for snake bite, life cycle of a snake, hibernation, shedding skin, etc. Also shows the making of antitoxin.

i-j-h-c-a 9 minutes \$1.25

BICYCLE SAFETY (YA)

Points out that bicycling is fun, but that it entails certain responsibilities on the part of the bicyclist: to maintain the bike in good mechanical condition, to obey traffic rules, and to help guard the safety of others. Illustrates how a proper mechanical inspection of the bike is carried out and what important accessories it should have. Demonstrates rules of the road and safety practice.

j-j 11 minutes \$1.25

BICYCLING WITH COMPLETE SAFETY (BIA)

This film is devoted entirely to fundamentals of safety as related to bicycling. The illustrations used are well filmed. Included are details of inspection and licensing of bicycles.

i-j-h 11 minutes Handling charge, \$1.00

BIG DITCH OF PANAMA, THE

(TFC, Restricted to Classroom Use)

One of the most colorful bits of land in the New World is Panama. It is filled with people from many lands and of many races. The native population maintains the even calm of their lives, coolly disregarding the pulsing streams of foreigners.

Ferdinand de Lesseps, the Great French engineer, failed in building a canal across the isthmus because of the great plagues of fever. United States efforts in eliminating this terror, which killed thousands of workmen before it was eradicated, made the canal possible.

j-h-c-a 6 minutes \$1.25

BIG HARVEST (FI)

The theme of this film is the contribution that the farmer has made to the development of America. Through the farmer's ability to increase his production, to use the aids which science and industry have made available to him, and to carry out a program of conservation, America has prospered.

j-h 22 minutes \$2.00

BIG LEAGUE BASEBALL (BFS)

This film stresses the need for teamwork and perfect coordination in baseball. Some of the outstanding stars of yesterday, including Gabby Hartnett, Dizzy Dean, Carl Hubbell, and Bill Lee, are shown as they performed in their respective positions.

general 11 minutes \$1.25

BILL GARMAN — 12 YEAR OLD BUSINESS MAN (F)

Bill is an American boy who likes to be independent and earn his own money. He raises rabbits and a few hogs, takes care of them, and plans how he will sell them. He keeps accounts and figures how he will invest his profits. Shows relationship of a boy with persons outside his family.

i-j 11 minutes \$1.25

BIOGRAPHY OF A FISH (SF)

Depicts the extraordinary story of the male stickle-back fish, and his life as father and part-time "mother." Actually filmed under water.

i-j-h 11 minutes \$1.25

BIOGRAPHY OF THE MOTION PICTURE CAMERA, THE (AFF)

An argument concerning the movement of a horse while galloping resulted in the taking of a series of photographs at intervals along a path of gallop. That was the first attempt at motion pictures, although the pictures were all on different plates. The problem arose as to what could be done to put all the photographs on one continuous film so they could be shown and seen as if the object photographed were actually moving. The film deals with the invention of a camera to take motion pictures and brings in the work of Edison and others who led the way to modern motion pictures.

general 20 minutes \$2.00

BIRD MIGRATION (HNP, Color)

Presents many kinds of birds and shows the various journeys they make to their summer and winter homes. The Ice Age theory of bird migration is illustrated.

i-j-h 10 minutes \$2.25

BIRDS ARE INTERESTING (EB, Color)

Presents some of the basic biological concepts concerning birds. Provides a systematic analysis of birds by classifying them under three categories — swimming and wading birds, birds of prey, and perching birds. Contrasts such features as bills, feet and wings to characterize each type. Among the birds in the film are the canary, domestic chicken, duck, emu, godwit, goldfish, hawk, owl, pelican, penguin, and others.

i-j-c-a 10 minutes \$2.25

BIRDS IN WINTER (C, Color)

An excellent color film showing a seasonal aspect of bird life, as compared with study by nesting habits or life cycle. Winter residents shown include chickadee, nuthatch, junco, cardinal, English sparrow, starling, and the zebra, downy and hairy woodpeckers.

general 11 minutes \$2.25

BIRDS IN YOUR BACKYARD (AB, Color)

Two brothers share the fun and responsibility of a project to attract birds to their yard. They observe the feeding, drinking, bathing, and nesting activities of the birds that visit their backyard sanctuary. Helps make children more aware of the possibilities of interesting activities in their own backyard.

p-i 11 minutes \$2.25

BIRDS OF NORTH AMERICA #3 (EB, Color)

Presents the killdeer plover, the nighthawk, and the cedar waxwing. Reveals markings and cries of these birds; illustrates how each bird behaves when its nest is threatened; portrays feeding habits of the young birds. Animated maps point out summer and winter habitats.

i-j 11 minutes \$2.25

BIRDS OF NORTH AMERICA #4 (EB, Color)

Depicts the identifying characteristics of three birds: the spotted sandpiper, the sora rail, and the Barrow's golden eye. Indicates their summer and winter range; and portrays the mother birds on their eggs, the eggs hatching, and the young birds venturing out into their world of rock, reed, and water.

i-j 11 minutes \$2.25

BIRDS OF NORTH AMERICA #5 (EB, Color)

Presents distinctive markings of three birds: the yellow-shafted flicker, the chestnut-sided warbler, and the mountain bluebird. Gives nest-side views of the activities, development, and the habitat of these birds; maps show the areas where each of them may be found.

i-j 11 minutes \$2.25

BIRDS OF PREY (EB)

Several common species belonging to the group of birds of prey are presented in this film. Among them are the turkey vulture, black vulture, marsh hawk, red-tailed hawk, rough-legged hawk, bald eagle, sparrow hawk, barn owl, screech owl, great horned owl, and snowy owl. These birds are shown in their natural habitats, and pursuing their characteristic activities. Typical calls and sounds characteristic of the birds are presented as the occasion demands.

i-j-h-c 11 minutes \$1.25

BIRDS OF THE COUNTRYSIDE (C, Color)

Vivid shots in color of indigo bunting, meadowlark, nighthawk, red-tailed hawk, kingbird and killdeer.

i-j-h-c 11 minutes \$2.25

BIRDS OF THE DOORYARD (C, Color)

Revealing scenes in color of the robin, white throated sparrow, bronzed grackle, wren, yellow warbler, and purple martin.

i-j-h-c 11 minutes \$2.25



The

PHOTOGRAPHER

Magnificent black and white photography tells of the life and work of Edward Weston.

30 MINUTES RUNNING TIME

\$3.00 PER WEEK

BIRDS OF THE INLAND WATERWAYS (C, Color)

Colorful sequences of a belted kingfisher, blue heron, black-crowned night heron, green heron, glossy ibis, avocet, red-backed sandpiper, Canada goose and lesser scaup duck.

i-j-h-c 11 minutes \$2.25

BIRDS OF THE MARSHES (C, Color)

Unusual camera views of the red-winged blackbird, least bittern, marsh wren, sora rail and the pie-billed grebe in their natural surroundings.

i-j-h-c 10 minutes \$2.25

BIRDS OF THE SEASHORE (EB, Color)

Portrays the activities, habitats, and distinguishing marks of various North American water birds. Depicts plumed gulls in flight and nesting in colonies, gannet colonies, eider ducks, the black guillemot, blue heron, razor-billed auk, and the cormorant. Authentic bird calls are heard throughout the film.

i-j 11 minutes \$2.25

BIRDS OF THE WOODLANDS (C, Color)

Brilliant color scenes of the female redstart, purple finch, oven-bird, flicker, and the black-billed cuckoo.

i-j-h-c 10 minutes \$2.25

BIRTH OF A VOLCANO (SF)

This is the story of the new volcano in Mexico — Paracutin. It amounts to an early life history of the phenomenon in all its amazing violence.

general 10 minutes \$1.25

BIRTH OF AN OIL FIELD (SOC, Color)

Shows how an oil well is drilled and how crude oil is brought up from the ground and started on its way to the refinery. Pictures the erection of a derrick, de-

scribes the operation of equipment by drilling crews, follows the drill-bit as it makes its way thru various geological strata, and tells how chemically treated mud is an invaluable aid to drillers. Depicts the natural forces that make oil flow, and shows how artificial methods are employed to lift oil from the ground when natural forces decline. Animation with models reveals what is taking place below the surface of the ground.

h-c-a 33 minutes Handling charge, \$1.00

BIRTH OF THE SOIL (EB, Color)

Explains with scientific accuracy the story of how nature produced our life-giving topsoil from the basic raw materials of rock, air, and sunlight. In magnificent color photography it shows how rock is reduced to silt, which eventually combines with organic matter to form humus. In animation the film portrays the first four links in the "chain of life": nature's raw materials, the sun's energy, the chlorophyll in plants, and the living topsoil. For other films in this series see Arteries of Life.

j-h 11 minutes \$2.25

BIRTHDAY PARTY (RFA)

Combines the gentleness and unwitting cruelty of children in the story of 10-year old Janie, her birthday party, her uninvited neighbor, and how Janie was brought to a maturing sense of her Christian responsibilities toward others.

i-j-h-c-a 29 minutes \$3.00

BIRTHPLACE OF AMERICA (16mmP)

Shows points of interest and birthplaces in England of America's great men and their ancestors. Included are such famed names as George Washington, Abraham Lincoln, Benjamin Franklin, the Pilgrim fathers, John Cabot, William Penn, Lord Baltimore, John Harvard, William Brewster, William Bradford and John Robinson.

j-h-c 11 minutes \$1.25

BIRTHPLACE OF ICEBERGS

(TFC, Restricted to Classroom Use)

A study of the largest tidewater glacier in the world which discharges into the Gulf of Alaska. The ice river is shown moving down to the sea where it collapses, discharging tremendous chunks of ice—icebergs. An awe-inspiring phenomenon.

j-h-c-a 11 minutes \$1.25**BLACK BEAR TWINS (EB)**

Portrays the experiences of a family of campers in observing a pair of small, hungry, and mischievous twin bears. The bears play with a blanket and ball; raid a wild-bee hive; nurse their stings in a mud puddle; then go for a swim in an adjoining lake.

p-i 11 minutes \$1.25**BLANKING SHEET METAL ON THE SQUARING SHEAR (UW)**

Shows how to lay out tapered blanks on an aluminum sheet; how to set and adjust front and back gages and side stops; how to use hold-downs and treadle; how to check blanks and further adjust machine; and how to trim blanks. Animated drawings are used to explain operations of the shear.

h-a 15 minutes \$2.00**BLANKING SHEET METAL WITH HAND SNIPS (UW)**

Shows how to care for and adjust the sheet metal snips; how to select snips for the job to be done; how to cut along a straight line; how to cut an outside circle and a notch; how to cut an inside line; and how to remove burrs left from cutting.

h-a 18 minutes \$2.00**BLANKING WITH ROTARY AND HIGH SPEED SHEARS (UW)**

Shows how to set up and operate rotary and high speed shears, and how to make test cuts.

h-a 16 minutes \$2.00**BLANKING WITH THE SWING ARM ROUTER (UW)**

How to operate a swing arm router; how to set up the work and template for routing; how to change router bits; how to route internal contours; and how to route external contours.

h-a 17 minutes \$2.00**BLASTING CAP (MTP, Color)**

Intended for school safety programs to inform students of the dangers hidden in the apparently harmless little blasting cap.

i-j-h 15 minutes \$3.00**BLOCK CUTTING AND PRINTING (STI, Color)**

How to cut and print a two color design by one of the simplest of methods; includes details of transferring the design, cutting, proofing, correcting, registering for color and printing the blocks by three different methods.

i-j-h 15 minutes \$3.00**BLOCK THAT TERMITE (USDA)**

The first sequences show the habits and habitat of the underground termite. These scenes are followed by others which show by photography and animation methods to be observed in constructing buildings to protect them from infestation and procedure to follow to prevent further damage after buildings are attacked.

general 20 minutes \$2.00**BLOCKING IN FOOTBALL (EB)**

Position, speed, drive, timing and body control are illustrated in a variety of ways. (See Ball Handling in Football and Tackling in Football.)

j-h-c 10 minutes \$1.25**BLOW, WIND, BLOW (C, Color)**

The story of the effect of the wind, both as a help and a destructive force. Intended as a background for understanding stories, poems, and songs about the wind.

p 10 minutes \$2.25**BLUE DANUBE (SF)**

The Vienna choir boys take a walking trip through an amusement park where they sing for the workers and in return are sung to by the workers. At the conclusion the choir presents its interpretation of "The Blue Danube Waltz."

i-j-h-c-a 15 minutes \$2.00**BLUE RIBBON (UW)**

A tribute to America's rural youth, this film portrays 4-H Club activities and the warmth, excitement, and achievements at a county fair—the "blue ribbons" won by boys and girls for their livestock, farm produce, and homemaking projects.

j-h 22 minutes \$2.00**BLUEBIRD (HNP, Color)**

A story of a pair of bluebirds' summer visit in the North. Compete with wren and starling for nesting site. Includes five species of woodpeckers.

i-j-h 10 minutes \$1.25**BOAT TRIP, A (EB)**

On taking a boat trip from Albany, down the Hudson River to New York, Nancy and Roger have many exciting adventures. Between seeing the sights

along the shore, inspecting the different parts of their boat, and observing the different types of boats which ply the river, their time is fully occupied. A landing at a river town, the approach to New York City, and the many wonders of its harbor are climaxed by seeing a great ocean liner, assisted from its dock by tugboats to begin its journey across the Atlantic.

p-i-j 11 minutes \$1.25

BOARD OF EDUCATION (UW)

Residents of a rural community in the U. S. organize to obtain a modern consolidated school and improved educational opportunities for their children. Prepared originally for use in occupied areas.

c-a 23 minutes \$2.00

BOB MARSHALL COMES HOME (USDA)

Story of a veteran and how he finally gets power from the REA.

general 20 minutes \$2.00

BOBOLINK AND BLUEJAY (C, Color)

Intimate family views of both birds in vivid color.

i-j-h-c 10 minutes \$2.25

BODY CARE AND GROOMING (McGH)

Develops the theme that good grooming starts with personal care, and describes some recommended daily habits that can help everyone to make the most of what nature has provided. Throughout the film there is continuous emphasis on the social advantages of a clean, healthy appearance. Other titles in the health series are *Body Fights Bacteria*; *Emotional Health*; *Human Reproduction*; and *Nose, Throat, Ears*.

j-h-c 17 minutes \$2.00

BODY DEFENSES AGAINST DISEASE (EB)

An exposition of the three lines of defense—the skin, phagocytic cells and lymphatics, and the blood, including a section on immunology. Spectacular microphotography of phagocytosis is shown along with applications of the defense mechanism in specific cases. The action of liver and spleen together with types of antibodies and their effects are dealt with.

j-h-c 11 minutes \$1.25

BODY FIGHTS BACTERIA, THE (McGH)

The story of the never-ending battle between disease-producing organisms and the human body. Various types of these organisms, such as bacilli, cocci, and spirochetes, are shown to be plentiful and dangerous. This film then describes the various counterbalances which mankind uses in combating these bacterial invaders. For other titles in this series see *Body Care and Grooming*.

j-h-c 17 minutes \$2.00

BOLIVIA (EB)

Notes the market progress made in developing the resources of Bolivia under conditions which render travel and communication difficult.

j-h 15 minutes \$2.00

BOMBER, THE (Castle)

Shows the manufacture of the Martin B-26 medium bomber and suggests its speed and power as a combat plane.

j-h-c-a 10 minutes \$1.25

BONNIE SCOTLAND, THE

(TFC, Restricted to Classroom Use)

Opens with countryside scenes and close-ups of Scotland's famous heather. Then Abbotsford, the home of Scott. Near-by are the ruins of Dryburgh Abbey, where Scott is buried and his monument in Edinburgh.

We have a view of Edinburgh Castle, where Mary, Queen of Scots, reigned. Next is the palace at Linlithgow where she was born, ancient Hollyrood Abbey where she married Bothwell, and the Royal Mile between Hollyrood and Edinburgh Castle. The famous Scotch landmarks included are the home of John Knox near Edinburgh, the humble little house at Dunfermline in which Andrew Carnegie was born, the town of St. Andrews, known as the ancestral home of golf and Ayr, the home of Robert Burns. Finally, we see views of Tam O'Shanter Inn, his favorite haunt.

i-j-h 11 minutes \$1.25

BOOKER T. WASHINGTON (EB)

Pictures him from childhood to the time when he became "probably the greatest Negro in history." Reproduces episodes illustrating his constant struggle to free his people from ignorance, poverty, and fear. Recalls his hardships in obtaining an education, his problem in building Tuskegee Institute, and his tragedies in private life.

j-h-a 22 minutes \$2.00

BOOKKEEPING AND ACCOUNTING (VGF)

Job opportunities, training and examples of the work done are illustrated in this guidance film.

j-h-c 10 minutes \$1.25

BOOKKEEPING AND YOU (C)

This film serves in three ways: to motivate study; as an aid to educational guidance; and as an aid to vocational guidance.

j-h 11 minutes \$1.25

BOOK OF BOOKS

(TFC, Restricted to Classroom Use)

The Bible binds together the spiritual life of the entire Western world. In this film we see the tre-

mendously complicated processes and the fine skills necessary in printing and binding the tremendous amount of Bibles necessary to meet the demand for them. Press operators working with paper so thin it takes men especially skilled in Bible printing to handle it, gold leaf painters whose art is as old as printing itself; thousands of skilled hands are necessary to produce the thousands of Bibles that are sold yearly.

general 10 minutes \$1.25

BOOKS (ICS)

This film shows origins of books and writing, primitive drawings, hieroglyphics, early inscriptions, etc. Then through the writings of Greece we come to Shakespeare, the Bible, and modern books. To make modern methods of book production more interesting, the rest of the film is built around an imaginary author and his book. The book is first seen in manuscript and then the film follows it through every stage of publication until it finally appears in the bookstalls and is reviewed in the press.

j-h-c 20 minutes \$2.00

BOOKS FOR EVERYONE (UW)

Shows how the manufacture and distribution of millions of paperbound books in the United States make every type of publication easily available to all for education and entertainment.

h-c-a 11 minutes \$1.25

BORAX FROM DESERT TO FARM (API, Color)

Shows scenes in the California desert where borax is found and produced and the importance of boron in agriculture, including boron deficiency symptoms on olives, celery, cauliflower, crimson clover, alfalfa, sweet potatoes, table beets, sugar beets, radishes, and apples.

h-c-a 25 minutes Postage

BORN EQUAL (LF)

Interprets the United Nations Declaration of Human Rights, with special emphasis on rights for children.

i-j-h-c-a 10 minutes \$1.25

BORN TO DIE

(TFC, Restricted to Classroom Use)

This film introduces the dwellers on the sea bottom. An octopus enters an empty shell. A plumed worm expands its tentacles until it looks like a dahlia. Another strange worm, which appears to be half bat and half mouse, undulates across the screen. Beautiful hydroids, like creatures of spun glass, sway and bow in the ocean currents. A sea urchin, looking like an animated pin cushion, crawls into view. Its eggs, enormously magnified, go through cleavage up to 16 and 32 cell stages.

Then there are snails and their eggs which hatch into ciliated, free-swimming forms. A mother octopus guards her masses of grape-like eggs, stirring them frequently with her tentacles. Her relative, the common squid, lays its eggs in long rows of jelly.

i-j-h-c 11 minutes \$1.25

BORROWED POWER (AAA)

The story of how the attitudes of a typical high school boy are changed in order to make him a more responsible driver. Intended to build better driving behavior, a respect for "power under control."

h-c-a 19 minutes \$2.00

BORROWING IN SUBTRACTION

(TFC, Restricted to Classroom Use)

This film shows a wholesome attitude toward problem-solving in general. It explains the step-by-step borrowing process involved in subtracting from a three-place number.

i 15 minutes \$2.00

BOSS DIDN'T SAY GOOD MORNING

(TFC, Restricted to Classroom Use)

The psychological effect a boss' failure to say good morning has on an employee. Recommended for discussion for social studies in the junior and senior high school, and for elementary school use in connection with parent-child relationships.

j-h-c-a 11 minutes \$1.25

BOSTON TEA PARTY

(TFC, Restricted to Classroom Use)

The statues and places commemorating the period in American history between 1775 and 1807 including the Virginia House of Burgesses, the Liberty Bell, Concord Bridge, the village green at Lexington Common, Fort Amherst, Crown Point, Fort Ticonderoga, Plaque of Putnam, Bunker Hill monument, statue of William Hale, monuments commemorating the Battles of Trenton and Saratoga, John Paul Jones trophy, Independence Hall, and the house of Betsy Ross are shown.

i-j-h 11 minutes \$1.25

BOUNDARY LINES (IFF, Color)

A plea to eliminate the arbitrary boundary lines which divide people from each other as individuals and as nations, invisible boundary lines of color, origin, wealth and religion. The film is composed of animated paintings, moving lines, realistic and abstract symbols; the music is an integral part of the drama.

h-c 10 minutes \$2.25

BOUNTEOUS EARTH, THE (OIAA)

Views the dances accompanying the blessings of the

animals on Candlemas Day in the City of Choluia (City of Churches). The violent rites at Tlocotalapan, where a young bull is set at large to be baited by the entire community is shown.

h-c 11 minutes \$1.25

BOWLING ACES (SF)

Watch the top-notch bowlers in action. They have perfect form from the first step through the time that the ball smacks down the pins. Closeups and slow motion photography reveal the finer points of bowling. As an added feature the expert demonstrates several trick shots.

j-h-c 11 minutes \$1.25

BOY IN COURT (NPC)

Tells the story of a boy who chooses the wrong crowd and gets caught while attempting to steal an automobile. It shows the way the probation association changes his outlook on life and makes a good citizen of him.

j-h-c 11 minutes \$1.25

BOY WHO SAVED A NATION

See

LAFAYETTE, CHAMPION OF LIBERTY

BRASS CHOIR, THE (EB)

The brass instruments are presented in this film as one of the orchestra's chief sources of power. There is, of course, a contrasting element in the French horns. A leading objective is to demonstrate this function by the group in full orchestral setting. A second objective is to show each brass instrument in solo passage, with ample opportunities, through sound track and unique camera angles, to study tone qualities, construction and techniques of playing. Masterpieces presented are Beethoven's Fifth Symphony, Mendelssohn's Midsummer Night's Dream Nocturne, and the finale of Wagner's Tannhauser Overture.

i-j-h-c 11 minutes \$1.25

BRAZIL (EB)

Provides a geographical orientation to Brazil's vast extent, its regional contrasts, and its coast cities, before concentrating on the coffee-growing area. A land owner, an agent, and a family of pickers are seen in their relationships to a large coffee plantation, with its varied crops, its mixture of immigrant people, its educational and religious activities. Film personnel and incorporated dialog reveal Brazil as a predominantly Portuguese country.

i-j-h-c 11 minutes \$1.25

BRAZIL (MOT)

The tremendous advances that have been made as a result of emergency wartime projects is shown. Climax

of the picture foreshadows the flourishing prospects for future trade between the U. S. and its big friend in South America.

j-h-c 13 minutes \$2.00

BRAZIL AT WAR (OWI)

Shows the vast resources of Brazil, now a member of the United Nations, which are turned to war against the Axis. It is narrated by Edward Tomlinson.

h-c 11 minutes Handling charge, \$1.25

BRAZIL GETS THE NEWS (OIAA)

The activities of the editorial and technical departments of a great modern newspaper in Sao Paulo are presented.

i-j-h-c 11 minutes Handling charge, \$1.25

BRAZIL, SOUTH AMERICAN MEDLEY (OIAA)

Rio de Janeiro, one of the most magnificent cities of the western hemisphere, is shown; also Sao Paulo, world's greatest coffee port; venom being extracted from snakes for use in serum, and some scenes up the Amazon river, one of the world's great unexplored regions.

h-c-a 11 minutes \$1.25

BRAZILIAN QUARTZ GOES TO WAR (OIAA)

A pictorial report on the mining of quartz in Brazil and the part that this great Brazilian resource is playing in winning the war.

j-h-c 10 minutes Handling charge, \$1.25

BREAD (EB)

Processing of wheat from farm to the loaf on the dinner table is presented.

p-i-j 10 minutes \$1.25

BREAD AND WINE (IFF)

Deals with Italian agriculture and the "mezzadria" system of Italian farming. Shows the harvest of the grapes, the cultivation of the crops, the making of bread, the routine life of the farmers and their proprietor, and an evening meal.

j-h-c-a 16 minutes \$2.00

BREAD MAKING (PIIP)

Portrays the main steps in the operation of a modern bakery. In addition, the film stresses the importance of proper nutrition, showing that bread contains so many health-giving body needs that it has become man's most popular single food.

j-h 11 minutes \$1.25

BREAKDOWN (McGH)

A vivid and completely authentic case study of a young woman who develops a schizoid personality.

Through the camera's eye we follow the course of her treatment first in a mental health clinic and later in a state hospital. Finally we see her discharged from this institution to complete her rehabilitation as a member of her family.

c 40 minutes \$4.00

BRIAR ROSE (ASF)

Presents the well-remembered tale of "Sleeping Beauty." An angry fairy avenges herself by dooming the princess to death at seventeen. Other fairies change the fatal spell to a century of sleep. The entire court slumbers through a century until the prince awakens Briar Rose with a kiss.

p-i 11 minutes \$1.25

BRICK AND STONE MASON (VGF)

Guidance film which discusses educational requirements, working conditions and possibilities of advancement.

j-h-c 10 minutes \$1.25

BRIDGE, THE (NYU)

Deals with the economic basis of trade relations between Latin America and the rest of the world. Develops the thesis that air transportation and travel will probably play a larger part than anything else in modernizing the remote, inaccessible regions of Latin America.

j-h-c-a 30 minutes \$3.00

BRIDGES FOR IDEAS (USC)

Examines communications media as bridges for ideas. Shows the importance to the teacher, the student, and the citizen of an understanding of the function and technique of language, motion pictures, radio and television, fine arts, and other means of communicating information and concepts. Demonstrates means of utilizing the various media as audio-visual teaching aids.

h-c-a 28 minutes \$3.00

BRING BACK MY BONNIE (COR)

Based on the song of the same name. Bonnie is Lorna's doll. Lorna has no other little boys and girls to play with but all the creatures of the sea are her friends. Due to Lorna's carelessness Bonnie drifts off to sea and has many strange adventures both on the surface and under the water.

p-i-j 10 minutes \$1.25

BRITAIN AND HER EMPIRE (MOT)

After a brief pictorial "refresher" on Britain's war-time role, the March of Time depicts England's current struggle to restore herself to strength and prosperity. Housing and health, social security and education are covered in relation to the efforts of the

British people to build for themselves a post-war society more stable and more equitable than any they have ever known.

j-h-c 17 minutes \$2.00

BRITISH FACTORY FOREMAN (IFF, Color)

The daily activities of an automobile craftsman and his family in England. Stresses the ways in which post-war austerity has affected the lives of the English people.

j-h-c-a 13 minutes \$3.00

BRITISH GUIANA

(TFC, Restricted to Classroom Use)

Here is a country with a largely immigrant population. When the land was first explored, hardly anyone lived there. The people have made great progress since they came into the country, many of them being imported as slaves. The principal crop is sugar cane and sugar makes up most of the country's exports. Rice is also an important crop. We see the gold fields and the picturesque canals, dating back to Dutch occupation. There is a great deal of magnificent scenery in British Guiana, one feature of which is the highest waterfall in the world — over twice as high as Victoria Falls in South Africa.

general 9 minutes \$1.25

BRITISH ISLES (EB)

Provides a graphic survey of the area including England, Ireland, Scotland, and Wales. Surveys representative aspects of British life and explains how the region has developed as one of the world's most important industrial and commercial centers. Interprets, with animated drawings, the geographical factors that have influenced the development, and emphasizes Britain's interdependence with the rest of the world.

i-j-h 10 minutes \$1.25

BRITISH ISLES: THE LAND AND THE PEOPLE (C)

How do fifty-three million people live on two islands about the size of Idaho and Maine? To understand this is to understand the geography of the British Isles. Key to the answer is the exchange of imports and exports. Through this film, audiences will gain a strong, clear concept of how and why the people of the British Isles have made excellent use of their limited space and resources; how they have built their islands into one of the world's centers of shipping and trade.

i-j-h 11 minutes \$1.25

BROAD JUMP (C)

Pointers on how to add inches to the jump by proper exercise and how to handle the body during the jump are stressed. The film also covers the hop, step, and jump. Precautions to prevent injury to the

athlete in this strenuous event are emphasized throughout the film.

j-h-c 10 minutes \$1.25

BROADER CONCEPT OF METHOD, PART I: DEVELOPING PUPIL INTEREST (McGH)

Presents a frank picture of the conventional teacher-dominated lesson-hearing type of recitation and shows typical effects of this method on student attitudes, responses and learning. Other titles in the teacher-training series are Broader Concept, Part II; Learning to Understand Children, Part I and II; and Maintaining Classroom Discipline.

c 13 minutes \$2.00

BROADER CONCEPT OF METHOD, PART II: TEACHER AND PUPILS WORKING TOGETHER (McGH)

Students are shown learning to work together, to organize themselves into functional groups, to make and carry out plans for investigations, and to present their findings and recommendations in a group report. For other titles in this series see Broader Concept of Method, Part I.

c 19 minutes \$2.00

Sex Education

GROWING GIRLS
HUMAN GROWTH
HUMAN REPRODUCTION
STORY OF MENSTRUATION
REPRODUCTION AMONG MAMMALS
HEREDITY
HUMAN BEGINNINGS
SIXTEEN TO TWENTY-SIX



BROTHERHOOD OF MAN (BRF, Color)

An animated film which emphasizes that differences between the human races are superficial, accidental, and environmental. Explains that the differing skins of the races of mankind mean nothing. Effective, witty, and positive approach to a serious problem.

i-j-h-c-a 10 minutes \$2.25

BROTHERS IN BLOOD

(TFC, Restricted to Classroom Use)

Carey Wilson goes to a Red Cross Blood Bank to donate his pint of blood. The doctor, an old friend, tells him the story of the origin and development of scientific research that made possible the saving of human lives by blood transfusions as scientists discovered the properties and different types of blood.

j-h-c-a 11 minutes \$1.25

BRUSH IN ACTION (IFB)

Shows the different kinds of brushes and the different ways that they may be held for the type of work to be done, this film with its contrasting blacks and whites illustrates the technique of washing, toning, emphasizing surface texture of the paper, and painting a picture.

i-j-h-c-a 10 minutes \$1.25

BRUSH TECHNIQUES (EB, Color)

Reveals how watercolor art can communicate the vivid impression of a landscape. The film is photographed as if through the eye of the artist, Eliot O'Hara, one of America's leading watercolorists, and one of this medium's most successful teachers.

i-j-h-c 11 minutes \$2.25

BRYCE CANYON NATIONAL PARK (AB, Color)

Presents significant features of the park region. Explains the geological background of the area and the forces of nature active there today.

i-j-h-c-a 5 minutes \$2.25

BUENOS AIRES AND MONTEVIDEO

(OIAA, Color)

Many aspects of life in the Argentine capital and glimpses of Uruguay's chief city and its gay carnivals are vividly described.

i-j-h 11 minutes \$2.25

BUENOS DIAS, CARMELITA (COB)

Tells the charming story of pretty Carmelita and her fellow students. The vocabulary, which emphasizes the number and the clock phrases, consists of one hundred and fifty words of the Kenniston merit lists. It will be easily understood by the second year student. The narration is carefully and distinctly spoken by a

native. The object of this unit is to set astir a desire to use the language and thus to stimulate more purposeful study.

h-c 20 minutes \$2.00

BUILD YOUR VOCABULARY (C)

The film portrays a vocabulary failure and shows how it is turned into a success. Mr. Thompson, who finds himself at a loss for words at a Civic Association meeting, takes a cue from his son, Roger, and embarks upon a systematic campaign of vocabulary improvement. Proven methods of vocabulary-building are demonstrated while the film establishes the need for a well-rounded vocabulary.

j-h-c 10 minutes \$1.25

BUILDING A HIGHWAY (EB)

Skillfully demonstrates major steps in the construction of a modern, two-lane highway. Illustrates such processes as clearing, cutting, scraping, and leveling the roadbed; assembling materials; mixing and dumping the concrete; and smoothing and finishing the surface. Finally reveals the completed highway open to traffic. Emphasizes the necessary skills involved in providing well-built, safe highways for automotive traffic.

p-i 10 minutes \$1.25

BUILDING A HOUSE (EB)

It clearly portrays the basic, step-by-step processes in the construction of a low cost, wood-framed, one-family home.

p-i 11 minutes \$1.25

BUILDING AMERICA'S HOUSES (EB)

Analyzes reasons for high building costs and examines ways in which costs can be reduced.

j-h-c 11 minutes \$1.25

BUILDING AN OUTLINE (C)

Teaches students that clear thinking, economical expenditure of time, and effective communication with others are the result of orderly planning, and that outlining is merely the writing down of this organization.

j-h-c 11 minutes \$1.25

BUILDING BIRDHOUSES (IFB, Color)

Two children see an illustration in a library book showing a variety of birdhouses, each suitable for a specific kind of bird. With the help of their older brother they begin making several kinds of birdhouses and shelters. They collect suitable materials and work from detailed plans. Finally birds nest in their birdhouses.

j 6 minutes \$2.25

BUILDING LOW COST CONCRETE FLUME FOR EROSION CONTROL (PCA)

Shows approved soil conservation practices and step-by-step construction of the flume for gully control.

h-c-a 11 minutes No charge

BUILDING THE PANAMA CANAL (KB)

Begins with historic scenes of the actual building of the canal. It shows the uniting of the Pacific and Atlantic Oceans and how the locks operate. In conclusion a trip through the canal is pictured.

j-h-c 11 minutes \$1.25

BUILDING TYPING SKILL (C)

In order to type faster one must master relaxation, precise operative control, attention to the copy, control of arms and hands, and confidence in his own performance at top speeds. The slow motion camera catches the details of skill-building exercises.

h-c 11 minutes \$1.25

BUILDING WITH CONCRETE MASONRY (PCA, Color)

Shows details of how to build farm buildings with concrete blocks and the many farm buildings adapted to this type of material.

h-c-a 20 minutes No charge

BURIED LOOT (TFC, Restricted to Classroom Use)

Part of the "Crime Does Not Pay" series. A young bank clerk embezzles a large amount of money, then confesses and says he has spent all the money on big times, horses, etc. He takes his five-to-ten year sentence, expecting to simply wait it out, then come out a free man and recover the money, which he has actually buried instead of spending. The bonding company, suspicious, plants a "convict" as a cell-mate who induces him to try a prison break. He does, and with the cell-mate's help is successful. He of course goes straight to the place where the money is buried and is caught.

j-h-c 20 minutes \$2.00

BUS DRIVER (EB)

Work of long distance bus drivers is dramatized in a story of cross-country trip made by small boy. Duties of driver are depicted in scenes of driving. Attention is given to safety precautions. Bus terminal and service garage are pictured.

p-i 10 minutes \$1.25

BUSHLAND REVELS (ANIB)

Shows the Australian Lyre bird, one of the unusual inhabitants of the Australian bush. It was photographed

in Sherbrooke Forest, a wild life sanctuary located near Melbourne. The main part of the film is composed of miscellaneous views of the bird, its nest, and its young. A six-weeks-old chick is shown, and its progress to the point where it is left to fend for itself is briefly explained. The bird's gorgeous plumed tail is shown. The male bird's "revels"—a part of the courting process—concludes the film, with a direct recording of his song in which the calls of many other birds are imitated.

p-i-j-h 11 minutes \$1.25

BUTTERFLIES (EB)

Illustrates the complete life history of the cabbage butterfly and the swallow-tail butterfly with their different characteristics and habits, including their role in nature, that of aiding in the cross-fertilization of flowers. Time-lapse photography is employed to show in a few seconds processes which require an hour or more. The destructiveness of the cabbage butterfly, as well as its unusual control by a natural enemy, is dramatically depicted.

i-c 11 minutes \$1.25

BUTTERFLY BOTANISTS (C, Color)

An excellent color film which treats the following concepts: (1) Life history of a typical butterfly—Monarch; (2) Dependence of larvae on food plant; (3) Stages of development of various species, stressing methods of hibernating; and (4) The economic importance of butterflies.

i-j-h 11 minutes \$2.25

BY JUPITER (WPP)

Approaches the universal problem of improving the attitude of man toward man. It drives home the theme of "Courtesy is Contagious" through a blend of fantasy and reality. It reveals the everyday experiences of an ordinary man who learns how to become "wisely selfish" through a miracle worked by a benign Jupiter and his wife, Juno.

j-h-c-a 27 minutes \$3.00

BY MAPS AND COMPASS (CRF, Color)

Mr. Wallace and his son Gary are shown on fishing and hiking trips as they use a topographic map and a compass. A summary of the techniques of using a map and compass is included.

j-h-c 26 minutes \$4.00

CADET CHAMPIONS

(TFC, Restricted to Classroom Use)

Cadet Champions first shows West Point from across the Hudson River. The cadets are seen in uniform on the parade grounds, then parading in their various athletic uniforms. Military precision is adhered to,

even during the various activities in the gymnasium, which includes the use of Indian clubs, horses and the parallel bars. Fencing is obligatory, to foster grace and coordination. Group shadow boxing is seen and the various feints and blocks are practiced. Cross-country riding includes passage of difficult water and rock terrain, as well as over barriers. A game of lacrosse is pictured. The final sequence shows an Army football team in action.

j-h-c 11 minutes \$1.25

CADET CLASSIFICATION (OWI)

Only men in top physical condition are selected, and every precaution is taken to make the best crews of pilots, navigators and bombardiers ever assembled. The procedures shown are those of one particular school. Each man is carefully chosen and placed in his job.

h-c 19 minutes Handling charge, \$1.50

CAISSONS GO ROLLING ALONG, THE (OWI)

Robert Weede sings this well-known song of the Field Artillery. Scenes of the Field Artillery in action make a stirring background.

4 minutes Handling charge, 50 cents

CAJUNS OF THE TECHE (QUAINT FOLKS)

(TFC, Restricted to Classroom Use)

A travelogue of the Bayou Teche country of Louisiana populated by the descendants of the French Acadians of Nova Scotia made famous by Longfellow's poem "Evangeline." The bayous and rivers where boats supply the means of transportation, the fishing industry, farming, various types of dwellings and homes, beautiful countryside, customs of the Cajuns and some typical villages are shown in this film.

i-j-h 10 minutes \$1.25

CALIFORNIA (MO, Color)

Planned for presentation in history and social courses. Shows the unification of California with the growth of the U.S., acquiring of land grants etc., development of state's natural resources, principal industries, geographical grandeurs. Also shows the state to be a part of the whole U.S., important as an economic and social unit of a nation built on freedom of enterprise.

i-j-h 12 minutes \$3.00

CALIFORNIA MISSIONS (LF)

The historic civilization outposts of another century were built by the Franciscan friars who, starting in Old Mexico, erected their places of worship along a thousand mile course, terminating their peaceful conquest of hostile Indians in what is now Los Angeles.

j-h-c-a 10 minutes \$1.25

CALL OF CANADA

(TFC, Restricted to Classroom Use)

A look at war-time Canada; a land noted for scenic grandeur even while making an all-out war effort. Shows the capital at Ottawa, with the changing of the guard in the traditional manner, sight-seeing in Montreal, and the shrine of St. Anne de Beaupre. We see also Canadian troops in training, and the peaceful nesting place of the Gannets on Bonaventure Island, only a few miles from all the wartime effort.

general 10 minutes \$1.25

CALLS THAT CURE (OWI)

The sick and wounded men in Halloran Army Hospital have been furnished with the latest in telephone facilities. This film shows how every provision has been made to make the telephone within the reach of all. Especially stressed is the tremendous curative power that results when the wounded and sick are able to get in touch with their families.

j-h-c 12 minutes Handling charge, \$1.00

CAMOUFLAGE IN NATURE THROUGH FORM AND COLOR MATCHING (C, Color)

Shows how animals, birds and fish protect themselves from their natural enemies by a disguised appearance. Thirty-two species are shown.

i-j-h-c 10 minutes \$2.25

CAMOUFLAGE IN NATURE BY PATTERN MATCHING (C, Color)

Shows how birds, animals, insects, fish, reptiles, and amphibians depend upon the camouflage of pattern to protect them from their enemies.

i-j-h-c 8 minutes \$2.25

CAMPING FOR GIRL SCOUTS (GSA)

Shows Girl Scout Camping in action including camp life in small units, the girl's part in planning camp activities, and outdoor programs for girls of various ages. Qualified adult leadership and high standards of health and safety are emphasized.

j-h-a 17 minutes \$2.00

CAMPING WITH THE TROOP (BSA)

How a troop planned and carried out its yearly outdoor program under the leadership of its scoutmaster. Scenes include fall, winter, and spring hikes with father and son participating. It describes the long and careful preparation needed for a troop going to summer camp. Choosing of camp site, checking equipment, setting up tents in the patrol method of "learning by doing" is also shown.

i-j-h 10 minutes \$1.25

CAMPUS ON THE MARCH (OWI)

A two reel picture showing the wartime activities in American colleges.

22 minutes Handling charge, \$2.00

CANADA (FF)

Canada is shown from the geographical and historical standpoints concurrently. The film also shows the swift industrialization during the war years, the vast agricultural and industrial strengths that are Canada's.

j-h-c 11 minutes \$1.25

CANADA DANCES (NFB)

From ballet to street dances, Canadians express themselves in dances. The traditions of the early French and British settlers have their influence and the folk dances of Central Europe have been brought to Canada by immigrants. The traditional Indian dances are shown, along with some of the modern jive music and dancing as it has been influenced by the machine age.

general 10 minutes \$1.25

CANADA'S NEW FARMLANDS — ALBERTA PEACE RIVER DISTRICT (UW)

The principles which govern the development of new frontiers are clearly set forth in this picture. We observe Roy and Einar Grimsrud, two young Norwegians, who fought in the Canadian Army, begin the development of their new lands. Clearing the land, planting crops and taking part in the life of the new community, these young men are typical of the people who push the boundaries of our civilization ever outward to new frontiers. Contrasted to the life of the Grimsrud boys, the film presents the more settled life in the growing town and on the farm of Mr. and Mrs. Watson, two of the earlier settlers.

i-j-h 22 minutes \$2.00

CANADIAN CRUISE (NFBC)

An American family cruise in their 40 foot boat from Rochester through the Rideau Canal System to Montreal. They go across the lake to Kingston, pass along the Cataraqui River, negotiate locks, through lovely scenery and finally down the Ottawa River.

general 14 minutes Handling charge, \$1.00

CANADIAN LANDSCAPE (NFBC, Color)

Canada's painter, A. Y. Jackson, interprets the Canadian scene in this color film. In the brilliant autumn hills of northern Ontario he chooses a theme and builds a sketch. In spring he catches April sun on the snow in old Quebec. Jackson's studio technique is shown and some of his canvasses reproduced.

j-h-c 20 minutes \$3.00

CANCER (EB, Color)

A highly important film explaining calmly and frankly the basic facts that everyone should know about cancer, second only to heart disease as a cause of death in the United States. Clearly describes the physical nature of cancer, the widespread research into the cause and control of cancer, and the great necessity for constant vigilance in the detection and subsequent treatment of cancer.

h-c-a 12 minutes \$3.00

CANCER, THE TRAITOR WITHIN (ACS, Color)

The symptoms of cancer and rules for preventive precautions shown. Animation makes the film message clear and effective. Here is a sane warning to all on prevention of this disease which takes one life every three minutes.

j-h-c-a 10 minutes Handling charge, \$1.00

CANDLE MAKING (AB)

The art of candle making by a pioneer family is portrayed in this film. The entire process of candle making is presented step by step with each member of the family having particular tasks to do.

i-j-h 11 minutes \$1.25

CANINE EYES FOR THE BLIND (HFE)

A magnificent story of the "Seeing Eye" dogs who provide a new way of life for hundreds of blind people. In this picture we follow a group of month-old puppies through every step of their training until they are accepted as leaders of the blind, and are given a blind master.

j-h-c 11 minutes \$1.25

CANNIBAL ISLES, THE

(TFC, Restricted to Classroom Use)

The Fiji Islands, formerly ruled over by cannibal chiefs, have been largely converted to Christianity and greatly civilized since British occupation. Civilization hasn't taken over everywhere, however. We see half-naked natives in ceremonial dances — people who may still indulge in cannibalism when no one is looking.

general 10 minutes \$1.25

CANOE COUNTRY (NFBC, Color)

An American family discovers the adventurous holiday to be had in Canada's northland. The Watsons — Dad, Mickey and Virginia — of Cincinnati travel by canoe along the old fur trade route from Missinabi. Fishing, of course, is an important part of a trip like this — and apart from the sport fresh pike or pickerel tastes so good to appetites sharpened by the pine-scented air. Glimpses of wild-life; tips on making a portage and on setting up camp in the bush are among the sequences in the film, which stresses this northern

country's fine satisfaction for all who have an appetite for the out-of-doors.

general 13 minutes Handling charge, \$1.00

CAPACITANCE (UW)

Demonstrates the flow of electrons through a circuit and shows the charging and discharging of condensers. The variations of a charge on a condenser in relation to time and the behavior of capacitance with alternating current are discussed.

h-c-a 31 minutes \$3.00

CAPITALISM (C)

Capitalism is the subject of a Radio Forum to be presented by "Western" High School. The students have become so interested in the subject that they hold a lively discussion even before they go on the air. The widely divergent ideas of every stratum of society are heard. The film introduces basic concepts of the capitalistic system and shows its superiority.

h-c 10 minutes \$1.25

CAPTAIN BROWN, HARBOR PILOT (F, Color)

Story of the harbor pilots who meet the ships and steer them safely to their docks. During low visibility, ships must wait until it is safe for them to come into the harbor. Pilots use modern equipment to aid the ships, such as the lighting equipment at the harbor entrance. Several large harbors are shown, each with its own special navigational problems. Captain Brown, a former ship captain, works with the ships to bring the tugboats alongside, and navigate it. Bob Gaffner goes along with Captain Brown to the ship. A freighter that tried to dock without a pilot is shown as it rammed its stern into the wharf.

j-h 11 minutes \$2.25

CAPTAIN KIDD'S TREASURE

(TFC, Restricted to Classroom Use)

Conflicting theories in regard to Captain Kidd's treasure are here illustrated.

We see Kidd in prison in 1701 under sentence of death. He writes a letter to the authorities promising to lead them to his treasure if, in return, they will spare his life. He is hanged, however, and the contents of his letter made public. Men are still searching in vain for the treasure.

Three present-day business men are discussing a plan for finding the Kidd gold. One of them says his information will take them to a small island off the coast of Madagascar. A dramatization of the story he tells shows the pirate and his band attacking a ship, finding a treasure chest, burying it. Kidd shoots the two men who know the hiding place, but draws a crude map of the location. The business man claims to have this map.

Another of the three men conjectures that Kidd was not a pirate, but had been commissioned by the King of England, and that his crew mutinied and seized the chest.

i-j-h 10 minutes \$1.25

CAPTAINS COURAGEOUS

(TFC, Restricted to Classroom Use)

Features the boat race back to Gloucester after the fishing boats have caught a full load. Exciting action in rough seas as the two captains try to outdo each other and win the race back with the first load of fish. Tragedy strikes when the rigging of one of the boats gives way, carrying the sailor Manucl, played by Spencer Tracy, to death in the waters of the Atlantic.

general 10 minutes \$1.25

CAPTAINS COURAGEOUS: Fishhook Sequence

(TFC, Restricted to Classroom Use)

Excellent adult guidance of child when he does something wrong.

a 11 minutes \$1.25

CAPTAINS COURAGEOUS: School

(TFC, Restricted to Classroom Use)

A schoolboy, son of a rich father, tries to rule the faculty and his schoolmates by bribery and threats. When he is punished for flagrant bad behavior he runs away and complains to his father of cruel treatment. The father learns the truth, and sees that his absorption with business is partly the cause of his son's difficulties.

j-h-c-a 12 minutes \$1.25

CARAVANS OF TRADE (FI)

The basic theme of this film is that the world has been made small through knowledge — knowledge which has come from man's use and invention of fast and safe means of transportation under the impetus of trade.

j-h 22 minutes \$2.00

CARBON AND ITS COMPOUNDS (C)

A diamond . . . a pencil . . . and a chunk of charcoal. Beginning with these familiar objects, the film explains carbon's simple compounds and introduces hydrocarbons and the more complex chain and ring compounds. It teaches appreciation and understanding of the tremendous importance of carbon in our domestic and industrial worlds.

h-c 10 minutes \$1.25

CARBON FOURTEEN (EB)

Explains the use of radiocarbon (carbon 14) as a means of dating historic and prehistoric objects. Tells the story of half-life in clear, understandable terms.

Illustrates the role of carbon 14 in tracing the vital processes of growth and decay in living things.

j-h 11 minutes \$1.25

CARE OF ART MATERIALS (YA)

An all-animation film designed to promote greater interest and care in the handling of art materials. Discusses care and use of such common tools as brushes, paints, chalk and crayons, scissors, paste and glue, and clay.

p-i 11 minutes \$1.25

CARE OF CHILDREN OF WORKING MOTHERS (OWI)

Depicts a typical day in a nursery school. Helen Hayes, as commentator, emphasizes the advantages which the nursery school offers for the care of children of working mothers — safe and wholesome fun, wise guidance in the art of learning to do for one's self and in helping others, a well-planned daily program including indoor and outdoor play, nourishing food, rest periods and health supervision. It shows working mothers what a child care center is and how it operates.

h-c 22 minutes \$2.00

CARE OF HAIR AND NAILS (EB)

A fairy tale character shows youngsters how to clean and manicure fingernails, how to trim toenails, and how to shampoo and brush the hair. She lets them see some common diseases of the hair and uses animated drawings to show the structure of hair and nails, and to explain why their care is important.

p-i 11 minutes \$1.25

CARE OF PETS (EB)

The proper care of various household pets is dramatized in this film. In delightful home scenes, pupils may see other children enjoying their little friends and providing for their needs. Bob demonstrates that a boy can attend to the special requirements of strange tropical fish. The sleek coat and good manners of Tippy, the cat, are indicative of the care and kindness of his mistress. This is more than an authentic and enchanting study of the care of pets. It is an experience in worthy home membership.

p-i-j 10 minutes \$1.25

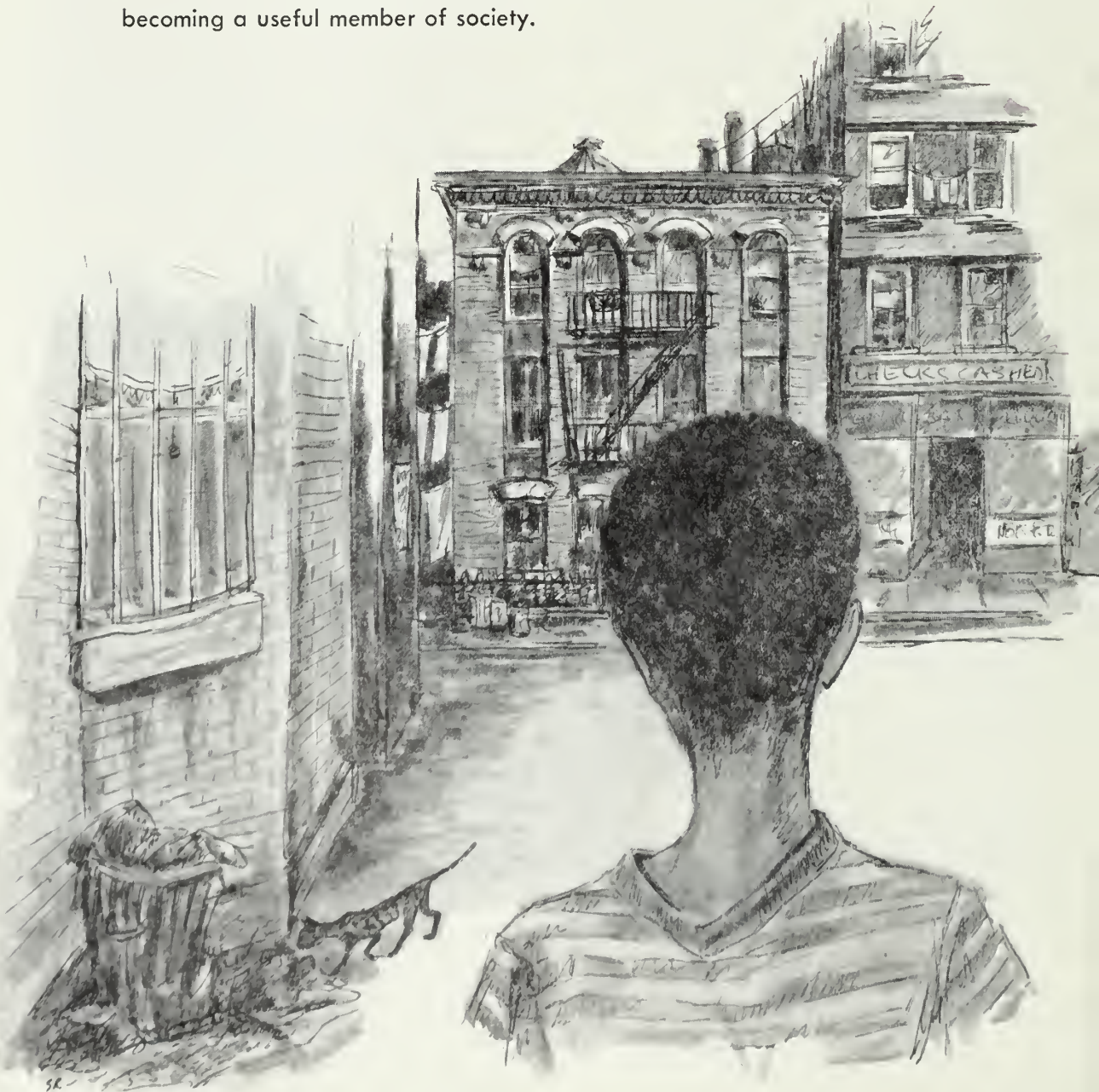
CARE OF THE CAR (FMC)

One of the Ford Motor Company's series on driver education. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training.

h 10 minutes \$1.25

the QUIET ONE

Donald Peters is a mentally-disturbed Negro boy, an only child and the victim of a disrupted home in the Harlem district of New York City. At the age of 10 he is sent away to the Wiltwyck School at Esopees, New York, a Protestant Episcopal Church school for the correction of delinquent boys. The psychiatrist and counselors there give him the training and emotional comfort he needs and set him on the path to rehabilitation of his personality, toward becoming a useful member of society.



CARE OF THE FEET, THE (EB)

Emphasizes the extreme importance of good foot care and points out the tragic results of ill-fitting shoes. Diagrams shown of the bones and muscles of the feet serve to simplify and make plain the reasons why great care should be used in selecting good shoes and in exercising the feet to make them strong.

j-h-c 12 minutes \$1.25

CARE OF THE NEW-BORN BABY (UW)

Instruction of parents in caring for, feeding and bathing the new baby is demonstrated. Scenes in the prenatal clinic, the hospital, and the home portray the role of the nurse in instructing the parents.

h-c-a 31 minutes \$3.00

CARE OF THE SKIN (EB)

Demonstrates the good habits of skin hygiene which every child should form. Portrays three attractive children as they prepare for bed, showing the proper way to wash hands and face, to clean the nails, and to bathe. Common skin ailments are illustrated. Animated drawings describe the structure of the skin and explain why soap is necessary for cleanliness.

p-i 11 minutes \$1.25

CAREERS FOR GIRLS (MOT)

Covers the amazing variety of fields now open to women. Also points out the relationships between a girl's everyday interests and the type of work that she might do successfully.

j-h 18 minutes \$2.00

CARIBBEAN (EB)

The islands of the West Indies spread around the Caribbean Sea; islands known to the world for their exports of sugar and cigars, gold and rum, spices, cocoa, and bananas. They are known, too, for their music. The film gives a closer look at the islands—their ancient customs, their varying populations, and the modern problems of health, housing and education. Film also has an interesting and exciting musical background.

general 25 minutes \$3.00

CAROL OF THE HARVEST (H, Color)

A scenic background for the poetry of Walt Whitman.

h-c-a 11 minutes \$2.25

CASE OF THE TREMENDOUS TRIFLE (OWI)

Importance of small parts in war presented in story form.

general 20 minutes \$2.00

CATALYSIS (EB)

Provides explanations of several phenomena associated with catalysis, among them, concentration by absorption, activation by absorption, intermediate compounds in a homogeneous mixture, chain reactions, breaking of reaction chains, poisoning of catalysts, and negative catalysts or inhibitors. The practical examples used as a basis for some of the explanations are rubber and anti-knock gasoline.

j-h-c 11 minutes \$1.25

CATCHING FUNDAMENTALS (C)

Here's big leaguer Mike Tresh to demonstrate good catching. He shows such fundamentals as how to crouch and signal, how to throw the ball, how to catch the pitch, field fouls, back up first base, etc. He demonstrates the skill and strategy that can make a catcher the team's most valuable player. (See *Batting Fundamentals*)

j-h-c 11 minutes \$1.25

CATCHING IN BASEBALL (EB)

Provides for vitalized instruction in one of the most important phases of the great American sport. Professional baseball players perform the demonstrations; and slow-motion, stop-motion, and close-up photography clarify maneuvers too rapid or too distant for study in normal action. Techniques for three types of catches are analyzed: catching the thrown ball, catching the high-batted ball, and catching the ground ball.

i-j-h-c 11 minutes \$1.25

CATTLE AND THE CORN BELT—MIDWEST, U.S.A. (UW)

In this film, we learn how the people who live and work on the vast areas of level land which constitute our midwestern plains produce large quantities of food for the peoples of the world and feed for livestock. In the western part, where the rainfall is lighter and less dependable, the grasslands are used for grazing livestock which are later shipped eastward to the moister section of the Central States commonly referred to as the Corn Belt. Here a mixed type of agriculture is dominant. Cattle and hogs are fattened for market on the corn and other crops raised on the farm. As a result of these agricultural activities, the Central States have millions of people and many large cities.

j-h-c 22 minutes \$2.00

CATTLE DRIVE (EB, Color)

Here is an account of a cattle drive in the Southwest, portraying the movement of cattle from the range to the shipping point. The cattle drive is an important aspect of cattle raising and of similar im-

portance in providing us with food. The cowboy at work and at rest becomes part of the great saga of Western cattle in the film.

p-i 11 minutes \$2.25

CATTLEMAN, THE (EB)

Life on a cattle ranch in a typical setting is shown by this production. The activities of the family and its hired helpers are portrayed in realistic detail. Meal-time, repairing fences, herding cattle, marketing experiences, shoeing and breaking horses, rounding up, dipping and shipping cattle are among the colorful scenes presented. Cowboy songs sung around the campfire during the roundup provide a rich atmospheric setting.

i-j 11 minutes \$1.25

CAUSE FOR ALARM (NSC)

Gives a step-by-step description of what to do in case of fire; explains the difference between class A, class B and class C fires; pictures the most common type of fire extinguishers, telling how to use each and what type of extinguisher to use for each type of fire.

c-a 11 minutes \$1.25

CAUSES AND IMMEDIATE EFFECTS OF THE FIRST WORLD WAR, THE (IG)

In a completely unbiased manner the film tells the story of the first world war, starting in 1879 with Bismarck's formation of the Triple Alliance, and continuing through the Treaties of Versailles, St. Germaine, Neuilly, Trianon, and Lausanne. The subject is of particular interest and significance in these times of international stress and strain.

h-c 20 minutes \$2.00

CELESTIAL NAVIGATION — CHART (USN)

Pictures, maps, diagrams, and a sound commentary are used in this film to explain Mercator charts, gnomonic projections, and Lambert conformal projections. It is a highly technical treatment.

h-c 20 minutes \$2.00

CELESTIAL NAVIGATION — THE EARTH (USN)

Explains in a non-technical way the positions and significance of the lines of latitude and longitude on the earth.

j-h-c 16 minutes \$2.00

CELESTIAL NAVIGATION: INTERPRETATIONS OF BEARINGS, LINES OF POSITION AND FIXES (USAF)

Defines bearing, line of position, circle of equal altitude, fix and intercept, plotting of assumed position and intercept.

c 19 minutes \$2.00

CELESTIAL NAVIGATION: LATITUDE OF POLARIS (USAF)

Shows relationship between latitude and elevated pole, position and diurnal path of Polaris and reduction of elevated pole.

c 11 minutes \$1.25

CELESTIAL NAVIGATION: NAUTICAL ASTRONOMY (USN)

Animation is used to show how the celestial coordinates are placed in relation to the earth. Describes declination, zenith point, nadir line, and the June and September solstices.

c 22 minutes \$2.00

CELESTIAL NAVIGATION: POSITION FINDING ON THE EARTH (USAF)

Discusses geographical position. Greenwich hour angle, local hour angle, relationship of hour angle to longitude, zenith distance and its relationship to altitude, circle of position, line of position, fix, relation of assumed to actual position, and intercept.

c 15 minutes \$2.00

CELESTIAL NAVIGATION: POSITIONS ON THE CELESTIAL SPHERE (USAF)

Provides an introduction to celestial navigation, illustrates the relation between earth, solar system, and celestial sphere.

c 20 minutes \$2.00

CELESTIAL NAVIGATION: SOLUTIONS OF ILLUSTRATIVE PROBLEMS (USAF)

Preflight computations and procedures in making a typical flight celestial navigation. Shows use of the sextant in shooting the stars, and plotting fixes by means of the H.O.-218, and the star altitude curve methods.

c 32 minutes \$3.00

CELESTIAL NAVIGATION: TIME (USAF)

Explains various time elements in celestial navigation which are used in solving practical exercises.

c 11 minutes \$1.25

CELL — STRUCTURAL UNIT OF LIFE, THE (C)

Herc, through microphotography, the living, simple cell is authentically presented. Students actually see the moving, living protoplasm in a leaf cell, see amoeba taking food, growing, dividing, becoming familiar with the functional differences in cell structure. This vivid film teaches the basic relationship of our own living bodies to other living organisms in the world.

i-j-h 10 minutes \$1.25

CELLS AND FUNCTIONS (ATH)

Shows biological study of growth and behavior of cells and tissues through the technique of tissue culture.

Depicts unusual scenes showing proliferation and growth of cardiac tissue, as well as connective tissue and nerve tissue. Excellent laboratory aid in the teaching of Biology.

j-h-c 14 minutes \$2.00

CELLULOID COLLEGE (SF)

Ten lessons in basic movie-making techniques are given for the amateur. A dummy camera is employed to demonstrate the ABC's of camera technique including: panning, using the tripod, shot break-down, screen direction, matching action, newsreel procedure, build-up, composition, indoor lighting, and applied techniques.

h-c-a 30 minutes \$3.00

CENTRAL AMERICA (EB)

Authentic documentary material concerning the geography and climate of Central America and the story of its peoples and their present-day activities is presented in this film. An animation sequence orients Central America as the western part of the Caribbean Region, and sketches the political history from the time of Columbus to the present. Photographic sequences depict the types of people and economic activities of the region, including agriculture, manufacturing, commerce, and transportation. The economic interdependence of Central America with other parts of the world, including its imports and exports, is shown upon an animated map background.

j-h-c 11 minutes \$1.25

CENTRALIZATION AND DECENTRALIZATION (EB)

Depicts the problems created by the gradual transfer of decision-making from local communities to centralized bodies operating at state and national levels. Points out that citizens today face the serious problem of preserving local freedom and initiative and at the same time centralizing control wherever necessary. Suggests the need for preserving a balance between local and central authority.

h-c-a 20 minutes \$2.00

CENTRE, THE (BIS)

The Pioneer Health Centre at Peckham, England, was started before the war by private initiative and funds. It is designed and equipped as a club where the whole family can go to enjoy their leisure hours. Uniquely, the Centre is a study in social biology, for the directors and staff are biologists who study the patterns of family behavior and their results.

c-a 24 minutes \$3.00

CHALLENGE (MOT)

Assigned to do a series of articles based on the report of the President's committee on Civil Rights, a

photographer-writer team interview religious, business, and labor leaders for their views, and observe civil rights programs in action in various parts of the country.

j-h-c-a 30 minutes \$3.00

CHALLENGE IN NIGERIA (EB)

Produced by J. Arthur Rank, this is a clear, concise and objective picture of the problems which are inherent in Nigeria. Both Briton and African want Nigeria to become an independent nation within the British Commonwealth. Many obstacles are in the way, however — disunity, poverty, die-hard tradition, ignorance, differences of language and racial and religious background. The challenge of these problems must be overcome before Nigeria can take its place in the commonwealth.

c-a 20 minutes \$2.00

CHALLENGE: SCIENCE AGAINST CANCER (NFBC)

Provides information about the progress that has been made in cancer research. Has as a secondary purpose the recruitment of high school and college students into scientific work.

h-c-a 33 minutes \$3.00

CHAMPION AIR HOPPERS

(TFC, Restricted to Classroom Use)

Glider champions demonstrate their skill. We see how the light, graceful gliders are launched, how the pilots seek thermals that will carry them upward, and how the ships are dismantled and carried back to the field after landing.

general 9 minutes \$1.25

CHAMPIONSHIP BASKETBALL (OF)

Most teams are familiar with the ordinary principles of basketball, but here the more precise defensive and offensive methods of play are described under the expert supervision of Nat Holman. Nat Holman explains the advantages and the disadvantages of both the man-to-man and the zone types of defense, and how a team might be lured from their defending positions. He also shows how a team might combine the two types of defense; thereby providing the best possible defense. Various methods of returning the ball after a goal has been scored are also demonstrated.

j-h-c 10 minutes \$1.25

CHAMPIONSHIP FORM (SF)

The film takes several phases of Olympic competition and compares them so far as body movement and form are concerned. It shows that perfect body coordination and grace of movement are essential to championship athletic standards. Great Olympic stars are shown in action.

10 minutes \$1.25

CHANGING COTTON BELT — SOUTHEAST, U.S.A. (UW)

This film lesson shows that the Southeastern United States is an area with many natural resources. We learn that the possibilities for agricultural and industrial production are tremendous. However, much land has been destroyed through wasteful farming practices. Through the untiring efforts of the County Agents, the education of the younger generation of farmers, and adherence to the tenets of the Conservation Policy, the people of the Southeast are shown rebuilding the land. The introduction and growth of new industries is also seen to be producing a new era of development for this area.

j-h-c 22 minutes \$2.00

CHANTS POPULAIRES #1 (WG)

The French-Canadian folk songs in this film are sung by the Alouette Quartet in French and are combined with animated cartoons. The compositions played are "En roulant ma boule" and "A la claire fontaine."

h-c 9 minutes \$1.25

CHANTS POPULAIRES #2 (WG)

The French-Canadian folk songs in this film are sung by the Alouette Quartet in French and are combined with animated cartoons. The compositions are "Envoyons d' l'avant nos gens" and "Aupres de ma blonde."

h-c 9 minutes \$1.25

CHARGING AND OPERATING A CUPOLA (UW)

Identifies and explains the purpose of the essential parts of the Cupola; outlines the important steps and precautions to be followed in firing, charging, and operating a Cupola; and explains the cycle of operations involved in the melting process.

h-c-a 14 minutes \$2.00

CHARGING THE MODERN WAY (ME, Color)

A description of charging a Cupola by a mechanical means. Shows the actual route of raw materials from stock pile to a point where it is discharged to the Cupola and the metal tapped out of the Cupola spout.

h-c-a 15 minutes \$2.00

CHARLES DICKENS: BACKGROUND FOR HIS WORKS (C)

Filmed in the England which Charles Dickens described so well, it offers information, clues to interpretation, and a rich sense of the significance and range of the writings, as well as stimulating a genuine interest in reading the works of Dickens.

j-h-c 11 minutes \$1.25

CHECKING THE ELECTRICAL SYSTEM (UW)

How to check and service an overheated motor in a

domestic refrigerator; how to check and service a stalled capacitor or R.I. Motor; how the thermostatic motor control functions; how to check and service motor control disorders; and how the elements of range and differential adjustments operate.

h-c-a 17 minutes \$2.00

CHEESE AND CHEESE MAKING (Kruse, Color)

The process of cheese making is traced from beginning to end in this color film. The methods of making American, Cheddar, Italian, and Swiss cheeses are shown from the heating of the milk to removal from the smoking and aging rooms.

j-i-j-h-a 11 minutes \$2.25

CHEMICAL REACTIONS (EP)

A detailed exposition of the composition of an atom and the relationship between nucleus and electrons as exemplified in the 92 elements assembled in the eight groups of the periodic table.

j-h 18 minutes \$2.00

CHEMISTRY IN A CHANGING WORLD (EB)

Directs attention to the significant role which chemistry plays in our modern world. Traces the steps leading up to the production of electric furnace phosphorus. Portrayals of the work of research chemists and chemical engineers from the inception of the idea to the multiple uses of the completed product provide stimulating vocational information.

j-h-c 10 minutes \$1.25

CHEMISTRY OF FIRE (UW)

Demonstrates how the elements fuel, oxygen, and ignition temperature must be present in order to have a fire; differentiates between flash point and ignition point of fuels; and gives two ways in which a fire may be extinguished.

j-h-c-a 46 minutes \$4.00

CHESAPEAKE BAY RETRIEVERS

(TFC, Restricted to Classroom Use)

America's only contribution to the family of sporting dogs is the Chesapeake Bay Retriever. About 100 years ago two Newfoundland puppies were washed ashore from a shipwreck. These two puppies, crossed with native dogs, were the original ancestors of today's Chesapeake Bay Retrievers. We see championship dogs in action, retrieving in water and on land.

general 10 minutes \$1.25

CHILD CARE AND DEVELOPMENT

See

CHILD DEVELOPMENT: CHILD CARE AND DEVELOPMENT

CHILD DEVELOPMENT: CHILD CARE AND DEVELOPMENT (McGH)

Considers the daily physical care that ensures a happy, healthy child. Correct attitudes and procedures toward establishing good habits of eating, sleeping and bathing are covered. Discusses the elements of good diet, proper clothing and outdoor exercise for the young child.

c-a 17 minutes \$2.00

CHILD DEVELOPMENT: CHILDREN'S EMOTIONS (McGH)

Discusses through short dramatic illustrations the development and guidance of children's emotions at various age levels up to ten years. The commentator explains that the very young child's emotions, while intense, are changeable and harmless because they are completely expressed. Emotions treated in detail are curiosity, common annoyances of babyhood and childhood, jealousy and happiness.

c-a 22 minutes \$2.00

CHILD DEVELOPMENT: HEREDITY AND PRE-NATAL DEVELOPMENT (McGH)

Picturization of growth, subdivision and eventual union of male and female sex cells. Explanation of chromosomes and genes in determining sex and in transmitting physical and mental characteristics. Describes the fertilization of the ovum by the sperm cell and traces the development of the fetus until delivery. Close connection between physical and emotional sensitivity in very young children is shown.

c-a 21 minutes \$2.00

CHILD DEVELOPMENT: PRINCIPLES OF DEVELOPMENT (McGH)

Outlines the fundamentals of growth and change from early infancy and develops basic principles. After defining the principles of development, the film considers the variables which make each child different from every other one: intelligence, sex, glandular activity, race, health, etc. All these factors must be brought into balance for the fullest development of his personality.

c-a 17 minutes \$2.00

CHILD DEVELOPMENT: SOCIAL DEVELOPMENT (McGH)

Analysis of social behavior at different age levels and the reasons underlying the changes in behavior patterns as the child develops. Points out development from the stage where the sexes and ages mix indiscriminately to the point where children begin to pick members of their own sex as playmates, to seek out the natural leader for their groups. Stresses the point that

while the child must meet and solve each problem as he reaches that level of development, wise guidance can make the adjustment easier and smoother.

c-a 16 minutes \$2.00

CHILD OF BETHLEHEM (CA)

An interesting treatment of the life of Jesus from his birth through his twelfth year. It will be of interest to both young and old in most church groups. It is well acted and the settings and costumes are well chosen.

j-h-c-a 22 minutes \$2.00

CHILD WELFARE IN SWEDEN (NA)

Tells of the medical care and financial aid available before and after the birth of a child, and of special housing arrangements. The lot of the working mother is greatly lightened by careful government supervision of both the mother and her children. Shows some of the Swedish cooperative nursery schools and summer camps.

h-c-a 11 minutes \$1.25

CHILDREN IN TROUBLE (NYSYC)

No child is born a delinquent, and none needs become one. The film shows, though a child's outside environment is important, his life at home really determines the course he is to follow. In every city, the problem of juvenile delinquency arises, and it is the duty of communities to sponsor programs for a realistic approach to the problem. The main influences in the life of children are the home, the church, community recreation, the police, and the school. In the film, it is seen how all five are used to combat juvenile delinquency.

general 10 minutes \$1.25

CHILDREN OF CHINA (EB)

Reproduces episodes from the home, school and play life of children in a representative village deep in the interior of China. Different types of family relationships are observed. School training in loyalty to parents, together with home and community customs, reflect the influence of Chinese tradition on contemporary life. Recreational activities are shown, and Chinese dialog is reproduced and interpreted in several sequences.

p-i-j-h-c 11 minutes \$1.25

CHILDREN OF HOLLAND (EB)

Scenes in the film include home and school life, and a horse and cart trip to a typical Dutch town provide captivating glimpses of rural and urban Holland. Handicraft, hobby and recreational activities, and interpreted native conversations are included.

p-i-j 11 minutes \$1.25

CHILDREN OF JAPAN (EB)

The film presents events in the daily life of a middle-class Japanese family. Their home surroundings, living and sleeping quarters, furnishings, dress, customs, and manners are depicted along with school and play experiences of the children and routine tasks of the parents. Following a visit to a nearby shrine, the family is studied at their evening meal and making preparations for bed. Conversations are reproduced throughout.

i-j-h-c 11 minutes \$1.25

CHILDREN OF RUSSIA (IFB)

Russian children are seen as they go to school, garden, play, parade, visit museums and art galleries, and live in the summer pioneer camps. Filmed between the years 1930 and 1937, the pictures do not emphasize war or political philosophy.

p-i-j-h-c-a 13 minutes \$2.00

CHILDREN OF SWITZERLAND (EB)

A railway train makes a long steep climb to a village in the Swiss Alps. On the village street we find Trudi and her brother Hans. With Trudi and Hans we enter a village woodcarver's shop and see carvings of cattle and examine clocks of all shapes and sizes. The brother and sister make preparations for a trip far up the mountain side. On the trip up they pass the family vegetable garden and along the path lined with flowers which leads to the summer pasture. As they rest before the last climb they view the snow-covered Alps.

p-i-j 11 minutes \$1.25

CHILDREN OF THE ALPS (EB)

Portrays the life of a Swiss boy and girl whose family gain a frugal living in their mountain land. Cutting timber, carrying out household tasks, going to school, woodworking, sleigh rides and ice hockey, skiing and other athletic pursuits are shown. Accompanied by musical score composed by Walter Baumgartner.

i-j 11 minutes \$1.25

CHILDREN OF THE CITY (BIS)

The film was made in Scotland primarily for use in Britain, and sets out to indicate, in human terms, the British approach and the working of the juvenile courts by following through with the story of three youths who presented a problem for juvenile court action.

j-h-c 30 minutes \$3.00

CHILDREN ON TRIAL (IFB)

Tells the story of two boys and a girl, constant offenders, who are sent to approved schools to combat juvenile delinquency. Resentful and un-cooperative at first, they finally realize that they are being given a

fresh start in life, and decide to take advantage of the opportunities offered them.

c-a 62 minutes \$6.00

CHILDREN'S CHARTER (BIS)

The Education Act of 1944 gives every English child the right of free education up to and including high school standards and the opportunity for further training if desired. New schools are being established everywhere to fill these requirements—technical schools, agricultural schools, and young people's colleges which cater to those up to eighteen who have already taken jobs.

general 17 minutes \$2.00

CHILDREN'S CONCERT I: RHYTHM AND PERCUSSION (EB)

Explains the fundamentals of rhythm and demonstrates the percussion instruments. An old Indian tom-tom is compared with modern drums, and a children's rhythm band performs under the direction of a diminutive leader.

p 11 minutes \$1.25

CHILDREN'S CONCERT II: WOODWINDS AND BRASS (EB)

Introduces the woodwind and brass instruments as musicians play each type. Beginning with a willow whistle, explains that modern wind instruments are just more complex versions of this simple pipe. Ends with a close-up view of the instruments as they are played.

p 11 minutes \$1.25

CHILDREN'S CONCERT III: STRING INSTRUMENTS (EB)

Points on musical form are illustrated and the strong instruments introduced. When the violin, cello and viola have been presented separately, they join in a fugue. Closing scenes show a troop performing a dance built around the legend of Persephone.

p 11 minutes \$1.25

CHILDREN'S EMOTIONS

See

CHILD DEVELOPMENT: CHILDREN'S EMOTIONS

CHILE (EB)

Calls attention to varied aspects of the Chilean scene—mountains, deserts, glaciers, mines, ports, and pastoral areas—before proceeding to an estate in the agricultural Central Valley. Here the role of the estate is seen in relation to the visiting owner and his family, the farming population, and the Chilean agriculture generally. On the family's return to Santiago, varied



MORNING STAR

A truly outstanding poetic documentary of a spring sheep drive. Illustrates application of the 23d Psalm.

38 MINUTES RUNNING TIME

\$5.00 PER WEEK

aspects of Chile's capital city are featured — especially its role as an educational center. Spanish dialog is extensively employed throughout.

i-j-h-c 11 minutes \$1.25

CHILEAN HACIENDA (HFE)

Describes in detail the hacienda system under which Chile, basically an agricultural nation, administers much of her farm land. It shows the living and working conditions of both the owners and the worker, the principal products raised and the manner of harvesting.

j-h-c 11 minutes \$1.25

CHILEAN NITRATE (HFE)

An accurate record of today's natural nitrate industry, starting with the discovery of the world's only known natural nitrate beds, going on to describe the use of nitrate today in fertilizer and explosives, and explaining in detail the modern method of mining and refining nitrate. It shows the effect nitrate had in giving Chile its financial start toward becoming one of South America's leaders.

j-h-c 11 minutes \$1.25

CHILE'S COPPER (HFE)

Begins by explaining copper's extensive use by man today, and is valuable for its simple and clear explanations of the mining and refining processes. It describes in detail the lives of the workmen and their families who live in Chuquicamata, a city built solely for the purpose of mining and refining copper.

j-h-c 11 minutes \$1.25

CHIMP'S VACATION (UW)

The Chimp goes to Florida for health and fun and gets plenty of both in a mischief-filled movie. He makes merry with cocoanuts, a bicycle, a turtle and a little girl. The story ends in a riot of fun, with a cloud of feathers and a vacuum cleaner.

p-i 11 minutes \$1.25

CHINA (MOT)

Shows China's old way of life, little changed since medieval times; the beginnings of democracy and westernization under Dr. Sun Yat-sen; the long years of bitter struggle against Japanese aggression and tyranny; and then, China today.

j-h-c-a 18 minutes \$2.00

CHINA CLAY (BIS)

Britain's second largest export of raw material is china clay, and two-thirds of the total yield is sent to the United States. All Britain's china clay is to be found in the southwest and the film shows how it is obtained from the Trevisco pit in Cornwall. Sand is an important by-product of the clay and is put to good use in the manufacture of a new mass-produced house.

general 11 minutes \$1.25

CHINA CRISIS (OWI)

Trials and successes of the 14th Air Force (Flying Tigers) in sustaining themselves inside China.

general 40 minutes \$4.00

CHISEL (PTC)

Illustrates use and care of this tool.

j-h-c 10 minutes \$1.25

CHOOSE TO LIVE (USDA)

The film opens with a warning by Dr. Parran, Surgeon General of the United States, that cancer has been on the increase and is now second among the causes of death. Then follows the story of one woman's encounter with cancer. "Choose to Live" was produced by the American Society for the Control of Cancer and the United States Public Health Service for lay audiences. Actors in the film are professionals, musical background is by the NBC Symphony Orchestra, all laboratory and hospital scenes were shot

under expert medical supervision. This film is for general educational use for information about cancer.

18 minutes \$2.00

CHOOSING BOOKS TO READ (C)

The story of books—books to provide a fund of knowledge—books whose pages provoke tears or laughter—the great books of man's ideas and hopes, and the technical volumes filled with charts and diagrams—each with a message awaiting the reader.

j-h 11 minutes \$1.25

CHOOSING CLOTHES FOR HEALTH (C)

Designed to help children choose the right clothes for different kinds of weather, this film demonstrates how clothing needs vary with climate, weather, and activities.

p-i 10 minutes \$1.25

CHOOSING FOR HAPPINESS

See

MARRIAGE FOR MODERNS: CHOOSING FOR HAPPINESS

CHOOSING YOUR MARRIAGE PARTNER (C)

The story of a young man who is trying to decide which of two girls to marry. He is advised to consider such factors as emotional maturity, family background, philosophy of life, and harmony of personalities before choosing his marriage partner.

h-c-a 13 minutes \$2.00

CHOOSING YOUR OCCUPATION (C)

Self-appraisal, occupational possibilities, preparation requirements, and guidance facilities are a few of the ideas perfectly integrated here for the benefit of vocational guidance classes and conferences.

j-h-c 10 minutes \$1.25

CHORDS AND TANGENTS OF CIRCLES (KB)

Deals with the theorem on a perpendicular to a chord within the circle. Summarizes types of tangents in detail.

h-c 11 minutes \$1.25

CHRISTMAS CAROL

(TFC, Restricted to Classroom Use)

Abridged version of the feature film based on Dickens' story.

i-j-h 40 minutes \$6.00
(one day only)

CHRISTMAS CAROLS (Castle)

The "First Noel," "Hark, the Herald Angels Sing" and "Adeste Fideles" are sung by a choir as the words appear on the screen.

general 11 minutes \$2.50
(one day only)

CHRISTMAS CAROLS (SF)

The Bell Singers carol the favorite "O Come All Ye Faithful," "Joy to the World," "What Child Is This?" and "Silent Night," while animated drawings depict the familiar lines. In "Good King Wenceslaus" the animated figures enact the carol, King and Page setting out with flesh and wine for the poor peasant, while bells and birds take up the rhythm of the traditional "What Child Is This?"

p-i-j-h-a 11 minutes \$1.75
(one day only)

CHRISTMAS IN SWEDEN (FON)

Christmas in Sweden starts as early as December 13th on St. Lucia Day. We visit an average Swedish family and see how they celebrate Christmas. Other scenes show the preparation of special food, open-air Christmas market, Christmas songs, and a Christmas church service.

general 14 minutes \$3.50
(one day only)

CHRISTMAS IN TOYLAND (HFE)

A cartoon story about Christmas toys which come to life in the shop and have a jolly time.

p-i 19 minutes \$2.50
(one day only)

CHRISTMAS NIGHT (OF)

A cartoon of Soglow's "Little King." Santa Claus visits the palace on Christmas Eve, and Christmas morn finds a royal riot as the Little King makes merry with fire engines and airplanes.

p-i 10 minutes \$2.00
(one day only)

CHRISTMAS RHAPSODY (UW)

A tender, simple story about a small, lonely evergreen tree, dwarfed into obscurity by its towering brothers. But a man and his two children see beauty in the small child of the forest and take it to their home where it is given a place of honor before the fireplace to stand as their Christmas tree. In the flickering light of the fire, the decorations appear to be shimmering snow flakes and slender icicles. The family sings Christmas carols for a beautiful Christmas Eve.

general 10 minutes \$2.50
(one day)

CHUCKY LOU—STORY OF A WOODCHUCK (IU)

Photographed in natural settings, telling the story of a little woodchuck who is befriended by a kind woman. A special musical score enhances the simple story.

p-i-a 11 minutes \$1.25

CHURCH VOCATIONS (VGF)

Points out the many and varied types of work in the modern church. The minister with his various responsibilities and duties is introduced. The home and foreign missionary work is presented, as is church secretarial and social service. Non-sectarian.

h-c-a 11 minutes \$1.25

CICADA, THE (DL)

The weird, siren-like love cry of the locust, which is called cicada, opens the film. An animated map of the United States indicates the locations of the nation's several cicada broods. Each brood appears and reappears only in its own locality. For 17 years the locusts live underground on root-sap of trees and shrubs. As the time for emergence approaches, they go nearer the earth's surface, where they dig little tubes and await the Great Day. The emerged insect is shown with its soft white body, which hardens gradually into a new black outer skeleton. The female bores holes in bark and twigs and deposits eggs. The eggs hatch and the young insect burrows into the ground for its 17-year wait. The film ends with a series of dates: 1953-1970-1987—the years when the locusts will again emerge.

j-h-c 30 minutes \$3.00

CIRCLE, THE (KB)

Presents geometry of the circle and introduces various aspects of circle geometry such as radii, diameters, chords, tangents, secants, arcs, and central angles. Introduces theorems and proofs.

h-c 11 minutes \$1.25

CIRCULATION (UW)

Animated diagrams of the human body, complete with circulatory system are used to describe the systematic and pulmonary circulation of the blood. The structure and functions of heart, lungs, arteries, veins, and capillaries are described. Ends with the route of the blood through the body, the heart cycle, and the exchange of oxygen and carbon dioxide in the air sacs of the lungs and the cells of the body.

j-h-c-a 11 minutes \$1.25

CIRCUS ANIMALS (A, Color)

Reveals in natural color, fascinating circus animals.

p-i 11 minutes \$2.25

CIRCUS AT THE ZOO (Castle)

The chimpanzees put on a bike-riding, horse-back riding, acrobatic show for the zoo visitors. It is funny and exciting entertainment.

general 10 minutes \$1.25

CIRCUS DAY (AB, Color)

A complete story of the circus showing the arrival of the circus train unloading at the station—the journey to the lot—the teamwork of putting up the big top. People throng the midway and view the wonders of the side show.

p-i 20 minutes \$3.00

CIRCUS DAY IN OUR TOWN (EB)

Describes the excitement and drama of circus day, depicting not only the highlights of the performance itself, but many of the preparations necessary for staging the big show. How the circus unloads, how the tent city grows, and how performers make up and dress for the show are faithfully filmed. Finally a ringside view of many exciting acts is provided.

p-i 20 minutes \$2.00

CIRCUS PEOPLE (A, Color)

An interesting film depicting behind-the-scenes circus activity. Selection of scenes and narration are designed to develop proper attitudes of work and co-operation and offer stimulation for oral composition and foundation for reading readiness.

p-i 11 minutes \$2.25

CIRCUS WAKES UP, A (SF)

Shown are early morning scenes of a circus coming to life and preparations for the big show. We see a pony getting a hair cut, elephants receiving their baths, jugglers and trapeze performers rehearsing, lions being fed, and clowns making up.

p-i 11 minutes \$1.25

**CITADELS OF THE MEDITERRANEAN
(TFC, Restricted to Classroom Use)**

Shown here are three citadels of the Mediterranean: Gibraltar, Moorish Alhambra, and Athens.

Panoramic views of the Rock of Gibraltar and a British Crown Colony shows us gigantic fortifications and the harbor. Then, street scenes.

Alhambra on the southeast coast of Spain, former palace and fortress of Moorish kings, is next. Close-ups of the arches show the intricate design of the masonry. A panorama of the courtyard and the Hall of Ambassadors, where Isabella pledged her jewels to pay for Columbus' voyage to America are brought to view.

Views of Athens, the Acropolis with the Parthenon and Temple of Olympian Zeus close the picture.

general 11 minutes \$1.25

CITIES: WHY THEY GROW (C)

A city is many things to many people. This picture is concerned with the economic factors which give rise

to the growth of cities. Departing from the usual statistics and the sociological problems which are a result of cities' growth, the film teaches by letting the viewer observe what the workers of the city do. The film develops the concept of "builders" and "fillers."

j-h-c 10 minutes \$1.25

CITIZEN FIREMAN (MOT)

Reveals what happens when the fire siren blows in one small town. It's a story of a typical community's volunteer fire fighters—citizens from all occupations and walks of life who undergo training, and regularly risk their lives in a cooperative effort to save the lives and property of their neighbors. Pointing out that most fire departments in the United States are composed of volunteers, this film presents an example of democracy at work in America.

c-a 19 minutes \$2.00

CITY, THE (MMA)

An excellent documentary film of genuine sociological significance. Its emphasis is upon the undesirable living conditions in crowded cities and upon the necessity for proper planning and zoning to remold our old cities and build new communities better suited to our needs.

The film is in five sections: the New England village, the Industrial City—City of Smoke, the Metropolis—Men Into Steel, the Highway—the Endless City, and finally the Green City.

h-c 31 minutes \$3.00

CITY FIRE FIGHTERS (C)

Designed for the elementary social studies and language arts, to show the importance of organized fire-fighting activities in a city.

p-i 11 minutes \$1.25

CITY OF LITTLE MEN

(TFC, Restricted to Classroom Use)

A pictured account of the work of Father Flanagan of Boys Town.

Twenty-five years ago, in Omaha, he dreamed of being able to help boys. He assumes responsibility for three homeless boys brought before a police judge. With \$90.00 in funds, he rents a house, and soon has thirty boys in his care. A larger and better building is secured. Still without facilities for play, he determines on a place in the country, and so, twenty years ago, Boys Town came into existence.

The varied activities of the 275 inhabitants of Boys Town are pictured. A bugle call, at the raising of the flag each morning, awakens them. Dairying, farming, shoe repairing and carpentering are some of the activi-

ties—of which each boy makes his own selection. The town is largely self-supporting, through the sale of surplus commodities.

general 11 minutes \$1.25

CITY OF THE GOLDEN GATE

(TFC, Restricted to Classroom Use)

The "Bagdad of the West," San Francisco, is an exciting and colorful city. This film made prior to the building of the Golden Gate Bridge, shows the operation of the ferry which formerly took thousands of workers across the bay to their jobs and home again each morning and evening. The cable cars, Chinatown, and Fisherman's Wharf are all parts of this fascinating city.

general 10 minutes \$1.25

CITY OF THE SICK (NMH)

Shows life in a mental hospital by telling the story of an attendant who learns how mental patients can be restored to useful living.

h-c-a 20 minutes \$2.00

CITY OF WAX

(TFC, Restricted to Classroom Use)

The life of the honey bee, born in its natural home in a hollow tree, is shown building the comb, storing the honey, the queen laying eggs, the activities of each of the types of bees. A sequence deals with the metamorphosis of the bee from larva to young worker. Then there are the fights with robber bees, the feeding of the royal jelly to produce a new queen, the death of the old queen, the nuptial flight of the new, and the death of the drones. Close-ups are used throughout.

j-h-c 11 minutes \$1.25

CITY OUT OF DARKNESS (ECA)

When the Soviet Union stripped the factories of Germany after World War II, the people of the western sector of Berlin became dependent on the power stations of the Soviet zone for their electricity. The Berliners worked day and night to construct their own power plant and now Power Station West supplies sufficient electricity for all the homes and all the industry of West Berlin.

j-h-c-a 9 minutes Handling charge, \$1.00

CITY THAT LIVES (HOP)

Shows paintings, sculpture and architectural masterpieces in Florence, especially the works of Michelangelo, Cellini, Rafael, and Brunelleschi.

j-h-c-a 17 minutes \$2.00

CITY WATER SUPPLY (EB)

Animated drawings are used extensively to describe the relation between rainfall and life; sources of city

water supply — wells, rivers, lakes, and watersheds; water-borne diseases; and methods of water distribution. Other photography depicts water tunnels and aqueducts; the dependence of cities upon an adequate water supply; and the necessity of safeguarding its sources and distribution.

j-h-c 10 minutes \$1.25

CITY WITHIN A CITY

(TFC, Restricted to Classroom Use)

A young couple arrive at Grand Central Station bent on seeing the sights of New York. They decide on Radio City and are taken on a complete tour of Rockefeller Center. Shots of all the buildings, views from the top of the RCA Building, the Hanging Gardens, inside NBC, Radio City Music Hall, etc., are included.

10 minutes \$1.25

CIVIL WAR, THE (EB, Color)

Points out the important military events of the war between the North and the South, stressing social and geographical factors which brought victory to the North. Animated drawings and color photography portray the terrain and battlefields over which the war was fought.

j-h-e 11 minutes \$2.25

CLARK SHAUGHNESSY "T", THE (AVF)

A demonstration of the T formation by members of the 1941 unbeaten and untied Stanford team. Frankie Albert and company show off the intricacies of the "T."

h-c-a 30 minutes \$3.00

CLASSROOM QUIZ NO. 1 (AAR, Color)

General information about railroading is presented in an easily understood manner, and then a quiz is given over the material.

p-i 11 minutes Handling charge, \$1.00

CLASSROOM QUIZ NO. 2 (AAR, Color)

Second in the series of Railroad quizzes. Again practical information is presented and then a quiz session held.

p-i 11 minutes Handling charge, \$1.00

CLAW HAMMER AND NAIL SET (TOM)

Explaining that there are both round and straight claw hammers, the film proceeds by naming hammer parts and explaining their functions. A working carpenter is studied in slow motion and his high degree of coordination noted. The film deals also with the nail set, and how and when this tool is used.

i-j-h 11 minutes \$1.25

CLAY IN ACTION (EB)

A simple, straightforward, and effective film on sculpturing a portrait in clay as demonstrated by Arturo B. Fallico, of Chicago Teachers College. Begins with the first application of clay to the armature and follows carefully through to the finished work. Emphasizes such essentials as basic measurements, simplicity of tools, creation and refining of principal planes, and the artist's individual interpretation of his subject. Interplay of camera lens between model and sculpture helps to clarify the demonstration.

j-h-a 11 minutes \$1.25

CLEAN LOOK, THE (ASF, Color)

Reveals the secrets of good grooming which make any woman radiantly attractive. A "clean look" plan for women of all ages: easy steps to basic beauty — beauty of face, beauty of body, beauty of hair.

j-h-c-a 30 minutes \$4.00

CLEANLINESS AND HEALTH (C)

Students will never again believe that old saying, "A little dirt won't hurt you!" after seeing this picture. It is the story of David and his visit to a doctor, and of the lessons in cleanliness which the doctor impresses upon him. By means of microphotography, the existence of dangerous tiny organisms all around us is demonstrated, and the importance of cleanliness to good health is soundly established.

p-i 10 minutes \$1.25

CLIMBING PLANTS (UW)

Shows the mechanism by which weak-stemmed plants support themselves. Illustrates sharp-thorned climbers, leaf-holding creepers, aerial rooted ivy, tendrils clinging pea. Time lapse photography is used to show plants growing and entwining or attaching themselves.

j-h-e 10 minutes \$1.25

CLOSED BOOK, A (FBIC)

Combats the most serious safety problem facing us today — our state of mind. Successfully challenge that careless state of mind and many of our safety problems would disappear. This touching, sometimes humorous film is an important step in that direction. Through a highly entertaining blend of everyday experience with a dramatic, emotional story, it drives home the idea that each of us is our brother's keeper when it comes to safety.

general 26 minutes \$3.00

CLOTHING FOR CHILDREN (C, Color)

Proper clothing for young children of various ages is described and pictured in color.

h-c 10 minutes \$2.25

CLOUDS (USDC)

Valuable as a nature study film and for the study of meteorology. Various types of clouds are shown, and the movement of high and low pressure areas across the country is described. Weather forecasting as the result of cloud study is discussed.

j-h-c-a 11 minutes Handling charge, \$1.00

COAL FROM NEW ZEALAND'S ALPS (NZNFU)

The importance of coal to industry is stressed. The process of getting coal out from the mines in the New Zealand Alps is portrayed. This film makes a contribution to the understanding of how people in other lands make their living and produce essential industrial products.

i-j-h 10 minutes \$1.25

COLLECTION OF CAROLS, A (OF)

"O Come All Ye Faithful," "The First Noel," "It Came Upon a Midnight Clear," "Joy to the World," "Hark, the Herald Angels Sing" and "Silent Night" are sung by a choir as the words appear on the screen.

general 11 minutes \$1.25
(one day only)

COLLOIDS (EB)

The film deals primarily with a definition of the colloidal state in terms of particle size, with factors which prevent particle growth, and with some methods of coagulation of colloids. The limits of particle size are described in terms of phenomena (filtration, sedimentation, and Tyndall effect); explanations are given in terms of experimental illustrations and animation. Striking and beautiful photography are found in the Tyndall effect, Brownian movement, and the Cottrell precipitation.

h-c 11 minutes \$1.25

COLOMBIA AND VENEZUELA (EB)

The human and economic geography, topography and climate of Colombia and Venezuela are described in this film. Photography shows the several types of people that live here and their work. Animated sequences locate Colombia and Venezuela as one of three parts of the Caribbean region, the others being the West Indies and Central America. Animated map drawings show the extent of Colombia-Venezuela world trade in the import and export of products.

j-h-c 11 minutes \$1.25

COLOMBIA, SOUTH AMERICAN MEDLEY (OIAA)

In this picturesque film the old port of Barranquilla and the fine old towns of Bogotá and Cartagena and Colombia's charming countryside are shown.

i-j-h-c 11 minutes \$1.25

COLONIAL CHILDREN (EB)

This subject depicts in an authentic setting the self-sufficient home life of colonial times. It shows in detail the furnishings, clothing, customs, and events in a colonial family's day from the morning chores to the reading of the Scriptures by the fireside in the evening.

p-i-j 11 minutes \$1.25

COLONIAL EXPANSION (EB)

Portrays colonial development in America from the point of view of the influence of each of the great powers; Spanish, French and English, tracing in detail the struggle for control which finally ended with the English being almost completely supreme.

j-h-c 11 minutes \$1.25

COLONIAL WILLIAMSBURG (ICS)

The capital city of old Virginia, Williamsburg, is the only city in the United States that has completely retained or recreated its colonial style of building. Among the scenes shown are: William and Mary College, the second oldest in the country; the Raleigh Tavern; the Governor's House; the Home of Patrick Henry; and many other picturesque views of this old Colonial American city. Even the business establishments of the city adhere to the colonial trade signs.

i-j-h-c 11 minutes \$1.25

COLOR AND LIGHT (AFF, Color)

A visual color symphony of abstract ballet forms. These changing, flowing, varied movement forms of color are produced by means of abstract shapes made of multicolored transparent plastics which are illuminated. As these bright colored plastics move, the lights create changing, fantastic effects of colored shadows and reflections. Piano background.

j-h-c-a 10 minutes \$2.25

COLOR KEYING IN ART AND LIVING (EB, Color)

Provides a graphic demonstration of the fact that visual impressions are relative. Stresses environment as an important factor in the choice and use of color. Points out various principles of color "deception" and shows how practical application can be made of them. Shows how color relationships are applied to art subjects and to such aspects of everyday life as hair, eyes, complexion, dress, and home decoration. A useful film wherever color is important.

j-h-c-a 11 minutes \$2.25

COLORADO RIVER, THE (C, Color)

Cutting across Colorado, Utah and Arizona, the Colorado River is unique in its lack of commercial traffic. This film contrasts the Colorado's untamed

beauty with the taming influence of its dams, which control its flow and make it the source of electric power and water for irrigation and other uses, serving modern civilization in many ways.

i-j-h-c 11 minutes \$3.00

COLORFUL JAIPUR (FZP)

A descriptive picture of the "pink city" of India, the city laid out with greatest mathematical regularity. Birds and dumb beasts are everywhere, protected against killing by religious prohibition of the Jain.

j-h-e-a 10 minutes \$1.25

COLOUR IN CLAY (EB, Color)

Created in a famous pottery-making section of England, this film portrays modern commercial pottery making in an authentic setting. It is designed to show the successful combination of art principles with modern technological methods. Mixing and shaping the clay, applying decoration, firing and glazing are shown with clever direction and superb photography.

j-h-a 11 minutes \$1.25

COME ACROSS (TFC, Restricted to Classroom Use)

Another in the "Crime Does Not Pay" series. A gang robs a bank in Kansas, thinking they are making it a local job and will have only state law enforcement officers on their trail. But the fact that one of them has stolen an army pistol, and the pistol is recovered by the police, enables federal officials to come in on the case. Then the gang can be chased all over the United States. Their desperate hunt for shelter is unsuccessful and they are caught — having spent every cent of their loot simply as "protection" in their attempt to hide from the police.

h 20 minutes \$2.00

COMMON ANIMALS OF THE WOODS (EB)

Pictures the squirrel, rabbit, raccoon, porcupine, otter, mink, beaver, possum, skunk, and woodchuck. In each instance the distinguishing characteristics of the animal are shown, such as the ability of the beaver to build a dam and the habit of the mother possum carrying her young on her back.

i-j 11 minutes \$1.25

COMMON COLD, THE (EB)

Illustrates the facts known about the common cold, its care, and secondary infections that may grow out of it. Tells the story of a boy who contracts a cold and visits his doctor for examination and advice. Reveals, by means of the doctor's illustrated explanation, why the common cold is serious and how it should be taken care of.

i-j-h 11 minutes \$1.25

COMMONWEALTH OF NATIONS

* Designed to show generally the present extent, nature, and Constitution of the British Commonwealth; its purpose, the benefits deriving from it, and the relationship among the members.

h-c-a 30 minutes \$3.00

COMMUNICATIONS WESTWARD

(TFC, Restricted to Classroom Use)

An excerpt from MGM's feature film *Wells Fargo*, in which is traced the history of early communication in the opening of the Western U.S. Highlighted are the stage coach, pony express, telegraph, and railroads.

j-h 33 minutes \$3.00

Natural Resources

BIRTH OF THE SOIL

THE LUMBERMAN

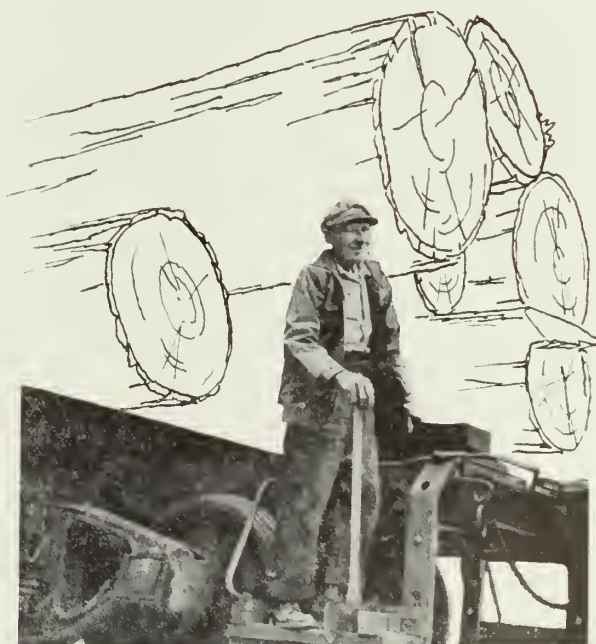
CONSERVATION OF NATURAL RESOURCES

TREES FOR TOMORROW

TREES TO TAME THE WIND

THESE FISH ARE YOURS

SUNRISE SERENADE



COMMUNISM (Castle)

The history of Communism, its totalitarian characteristics, and how Communists operate in the United States.

h-c-a 32 minutes \$3.00

COMMUNITY CANNING (USOE)

How and when to pick vegetables, in this case snap beans; how to wash, snap, grade, blanch, and season the beans; how to inspect and prepare the cans, then how to pack and exhaust them; how to label and seal the cans; how to use a pressure cooker or retort, are included in this film.

h-c 17 minutes \$2.00

**COMMUNITY FLY CONTROL SERIES:
BIOLOGY OF DOMESTIC FLIES (UW)**

Types of domestic flies; their habits and mechanisms for transmitting disease organisms and filth; methods of control through residual and space spraying with insecticides.

c-a 9 minutes \$1.25

**COMMUNITY RESOURCES IN TEACHING
(ISW)**

Seeks to show how the community and its resources, and the school and its functions can be woven together into a "pattern" of education by bringing the students into the community using its resources as laboratory studies, and inviting the community into the school as lecturers or demonstrators.

c-a 20 minutes \$2.00

COMMUNITY SING

(TFC, Restricted to Classroom Use)

A patriotic song festival including such numbers as "Columbia the Gem of the Ocean," "Hail Columbia," "Dixie," "America," and "The Star Spangled Banner."

general 9 minutes \$1.25

COMPASS FOR AGRICULTURE, A (USDA, Color)

The story of the United States Department of Agriculture's Crop Reporting Service and how it has grown from its beginning as an enterprise by the farmers of a single state to its present huge and important work.

A clear picture is given of the inside workings of the Crop Reporting Service: how its data is compiled, how the estimates are arrived at, and who benefits from the service. Emphasizes ways in which farmers may use the Service to insure greater profits.

h-c-a 20 minutes \$1.00

COMPETITION AND BIG BUSINESS (EB, Color)

Based on an objective analysis of the relationship of big business to competition, the film defines big business by placing it in its proper perspective alongside

other forms of enterprise. Analyzes the role of big business in terms of its bearing on entry into the market, technological progress, and the problem of monopoly in a society where social responsibility is crucial.

h-c-a 20 minutes \$3.00

CONCERT ALBUM (AL)

Features Nadine Conner, soprano, singing Verdi's *Sempre Libra* from the opera "La Traviata"; Charles Kullman, tenor, singing *Thanks Be To Thee* by Handel, accompanied by the male quartet, Men of Song; Constance Keene, pianist, playing *Polonaise in A Flat*, by Chopin; Tossy Spivakovsky playing the *Violin Concerto* (Allegretto and Allegro) by Mendelssohn; and the Men of Song in a rendition of *The Sleigh*, by Kunz.

h-c-a 20 minutes \$2.00

CONCERT HALL FAVORITES (SF)

Rubenstein's *Staccato Etude* played by pianist Eugene List, violin selections by Yfrah Neaman; folk songs by Susan Reed; and Brahms' *Lullaby* by the Columbus Boy Choir.

i-j-h-c-a 15 minutes \$2.00

CONCERT MINIATURES (SF)

Raymond Leventhal, pianist, playing three selections — Schubert's "Moment Musical," Chopin's "Nocturne in F Sharp Minor," and "Capriccio," by Dohnanyi.

h-c-a 11 minutes \$1.25

CONCRETE ON THE FARM (PCA, Color)

Shows the many and varied uses for concrete and concrete masonry around modern farmsteads.

h-c-a 20 minutes No charge

CONFESSIONS OF A COLD (NMP)

A "cold sprite" reveals to a young lady the seriousness of colds, the loss they cause, how colds spread, and methods of treatment. Animation and live photography are combined.

a 10 minutes \$1.25

CONGRESS, THE (MOT)

Shows the functions of the two houses of Congress — how a bill is introduced, considered, and acted upon. It explains the powers peculiar to the House of Representatives. The problem of the relationship of the Congress to the Presidency and to the Supreme Court is explored.

h-c-a 11 minutes \$1.25

CONGRUENT FIGURES (C)

A demonstration of the geometric principles for finding and proving that triangles with certain combinations of equal sides and angles are equal and congruent.

h-c 11 minutes \$1.25

CONQUEST (TFC, Restricted to Classroom Use)

Emphasizing character study, the classroom version of "Conquest" presents a realistic portrayal of Napoleon. The film stresses the personality of the Corsican rather than his triumphs, and provides a sensitive interpretation of his driving will to power. Vivid dramatizations show Napoleon's maneuvering in power politics as well as his efforts to regain the mastery of Europe following the retreat from Moscow and subsequent exile on Elba.

j-h-c 23 minutes \$2.00

CONQUEST OF THE NIGHT (OWI)

Night action aboard a destroyer equipped with radar devices.

general 10 minutes Handling charge, \$1.25

CONSERVATION OF NATURAL RESOURCES (EB)

Three natural resources hold the center of attention in this film; water power, forests, and farm lands. Early wastes in the lumbering industry and agriculture are delineated, and the appalling results are shown. This is followed by an explanation of steps which have been taken and are now being planned to conserve these resources. The effects of wind and water erosion and unwise farming are shown, scenes from the Dust Bowl, and local and federal efforts to check these abuses. There is also included a sequence on conservation and development of esthetic resources.

i-j-h 11 minutes \$1.25

CONSERVATION ROAD (FI)

The basic theme of this film is that Americans must continuously learn the need for conservation: conservation of our living resources, wildlife, forests, and agricultural lands, through maintenance and restoration of the balance of nature; conservation of our mineral resources, coal, oil, and metals, through increasing the effective use of each irreplaceable unit.

j-h 22 minutes \$2.00

CONSTRUCTION OF A LIGHT AIRPLANE (PSC)

Photographed at the Piper Aircraft Corporation in Lock Haven, Pa., the film covers quite completely the construction of four of the five major parts of the airplanes—the fuselage, the landing gear, the tail surfaces, and the wing. The construction of the fifth part, the engine, is not shown.

j-h-c 22 minutes \$2.00

CONSUMER PROTECTION (C)

Points the way to the wealth of information available to every consumer which he can use in order to

gain value for his money. The haphazard buying habits of one family are contrasted with the careful purchasing of another.

j-h-c 11 minutes \$1.25

CONSUMPTION OF FOODS (EB)

Presents data on food needs and deficiencies of various groups of world peoples and related problems of food standards.

general 10 minutes \$1.25

CONTACT WITH BOOKS (UI)

Instructional film on the use of a large library. Various important points on the use of library facilities are well told in a dramatic fashion. The principal characters of the story are a senior in the College of Engineering and his roommate, a very unsophisticated freshman. Filmed on the University of Illinois Campus.

h-c 30 minutes \$3.00

CONTROL OF BODY TEMPERATURE (EB)

By means of laboratory demonstrations, animated drawings, and special photography, phenomena associated with variations of body temperature in animals and man are shown. Foods are designated as the source of body heat, and the roles of nerves, glands, and muscles in its control are portrayed. The blood stream is depicted as the distributor of heat, and the function of the hypothalamus is compared to that of a thermostat.

i-j-h-c 11 minutes \$1.25

CONTROL YOUR EMOTIONS (C)

Emotional control is desired by all. The effects of uncontrolled emotions are familiar to teachers of adolescents. This film presents the essential understandings of psychology which apply to the control and direction of emotions. The language of the film is simple and direct, making the film suited to use with any group regardless of previous psychological learning.

j-h-c-a 14 minutes \$2.00

COOKING: KITCHEN SAFETY (YA)

Stresses the common safety hazards that exist in every kitchen, and illustrates specific examples of each. Discusses and demonstrates simple precautions that can be taken to prevent accidents in the kitchen.

h-c-a 11 minutes \$1.25

COOKING: MEASURING (YA)

Explains why some experienced cooks do not appear to follow precise measurements, and why most cooks, particularly those with limited experience, must be very careful in their measuring. Illustrates some of the more common measuring devices used in the kitchen, and demonstrates the correct procedures for measuring typical dry solids, liquids, and fats.

h-c 11 minutes \$1.25

COOKING: PLANNING AND ORGANIZATION (YA)

Illustrates a well-ordered kitchen in which the housewife has organized the kitchen equipment and cooking utensils for greatest ease and efficiency in her work. Shows what can happen when the preparation of a meal is attempted without adequate planning, and how such troubles can be remedied by planning and by the use of such devices as the time-chart.

h-c 11 minutes \$1.25

COOKING: TERMS AND WHAT THEY MEAN (YA)

Demonstrates some of the most commonly misused and misunderstood terms employed in cooking, and points out what they really mean. Designed to make the student conscious of the exact meaning of terminology used in cooking recipes.

h-c-a 11 minutes \$1.25

COOLIDGE QUARTET — STRING ENSEMBLE (UW)

William Kroll, Violin; Nicolai Berezowsky, Violin; Nicolas Moldavan, Viola; Victor Gottlieb, Cello. The quartet plays: "Andante" from "String Quartet in E Flat Major" by Carl Von Dittersdorf; "Fugue" from "Quartet in C Major," Opus 59 No. 3.

i-j-h-c 10 minutes \$1.25

COPPER: MINING AND SMELTING (EB)

This is how man gets copper from an open-pit type copper mine. The ore is crushed, washed, roasted, smelted, and converted. Most copper comes from several principal deposits in the United States, and is of great importance in a modern industrial society.

i-j-h 11 minutes \$3.00

CORAL WONDERLAND (ANIB, Color)

Shows the Coral growth of the Barrier Reef Islands coming to life under the microscope. Also shows the reef's unique fishes and underwater creatures.

j-h-c-a 30 minutes \$4.00

CORINTH CANAL (ECA)

The Corinth Canal is a vital link in Greek waterways. In 1944 the Germans, retreating from Greece, dynamited the canal, sunk in its mud freight cars, bridges and ships to bar it to Allied traffic. With the help of E. C. A. funds and American engineers, the canal was restored in 1948. Follows the passage of a Greek ship through the canal for the first time since the war.

j-h-c-a 10 minutes Handling charge, \$1.00

CORN FARMER, THE (EB)

Depicts the lot of a typical corn farmer in growing and harvesting his crops. Problems of planting, cultivating, harvesting, crop rotation, haying, hog and cattle raising and marketing are portrayed in challenging settings. Reproduced conversations vitalize numerous situations including household events, a visit to a neighboring town and a livestock auction. The role of the machine in modern farming is given due consideration.

i-j-h-c 10 minutes \$1.25

CORONATION OF POPE PIUS XII (UW)

This is the first time a coronation of a Pope was ever photographed. Intimate glimpses of Pope Pius XII and his life. Inspiring camera work inside the Vatican. Detailed filming of a historic ceremony and the actual coronation on the balcony of revered St. Peter's.

j-h-c 11 minutes \$1.25

CORPS DE BALLET & ORCHESTRA (OF)

Following an intimate glimpse into the ballet school, Serge Lifar, master of the ballet, gives an enchanting performance.

j-h-c 5 minutes \$1.25

COSTA RICA (MOT)

A fine comprehensive travelog of the little country of Costa Rica, showing its growth and exportation of coffee, its banana plantations, its people, and its religious and cultural life. The colorful history of the country is also touched upon.

j-h-c-a 20 minutes \$2.00

COTTON (EB)

Making of cotton cloth from field to fabric.

p-i-j 11 minutes \$1.25

COUNSELING — ITS TOOLS AND TECHNIQUES (VGF)

How a well-trained counselor works. Shows the trainee what tools and techniques to use in counseling and how to use them to the best advantage. Included are interviewing, tests, questionnaires, and the use of films and other aids.

h-c-a 22 minutes \$2.00

COUNTY AGENT (UW-Castle)

The county agent has to be an adviser, a friend, and a technical consultant. He gives advice in new farming methods, in improving field lay-outs, and in amounts and types of fertilizer to be used. He is often called on to furnish plans and blueprints for new buildings, and he joins in various community activities along with the rest of his neighbors. The county agent

knows every back road in his county; and it is his constant efforts on their behalf that have helped overcome many of the natural hazards that beset farmers.

h-c-a 20 minutes \$2.00

COUNTY GOVERNMENT (PRP)

Covers the operations and functions of all phases of a typical county; shows how and why counties were formed; how their powers are controlled by the State; how counties are governed and the scope of their duties; several types of their duties; several types of county administration are illustrated and discussed. The services performed by the different county officers are shown and explained

j-h-c-a 21 minutes \$2.00

COURTESY COMES TO TOWN (FF)

Mr. Carter suggests that Tom and Betty write an objective newspaper story about courtesy, with pictures on whether Tom's generation or his father's contemporaries are the most courteous. We follow Tom and Betty for the rest of the day to restaurants, department stores, and executive offices. Next day Tom, Betty, and Mr. Carter meet to review the material brought in. Each photograph comes to life and the scene is re-enacted. We end on this suggestion directed to the audience: "If people are courteous just because they are ladies and gentlemen, what about the people who are discourteous?"

j-h-c 20 minutes \$2.00

COURTESY FOR BEGINNERS (C)

The fundamentals of courtesy — such as being considerate to a guest, making correct introductions, saying the "magic" words — "Please," "Thank you," and "Excuse me"; all are presented in a variety of role-playing activities for a young audience.

p 10 minutes \$1.25

COW AND ITS RELATIVES (C)

A visit to a domestic cow, Indian humped cow, Yak of Tibet, buffalo and antelope.

p-i 10 minutes \$1.25

COW AND THE SPRITE, THE (C)

A charming interpretation of the well-known story that tells of the happiness of man and of what happiness is composed. Employs delightful puppets, especially created for filming, to bring to us the moral lesson that "we can be happy no matter what our worldly possessions." Other fantasies in this series are: Rumpelstiltskin, Honest Woodsman, King Midas and the Golden Touch, Legend of the Pied Piper.

p-i 11 minutes \$1.25

COWBOY, THE (AB, Color)

Features Montie Montana, the well known rodeo player, who explains the dress of the cowboy, the equipment of the ranch horse and how the cowboy and horse work together to rope cattle. When the work is finished Montie practices for a coming rodeo. He spins ropes and tries a few riding tricks.

p-i-j 11 minutes \$2.25

CRACKED NUT, THE (Castle)

Woody Woodpecker in another laugh-provoking adventure.

general 10 minutes \$1.25

CRADLE SONG, THE (UW)

Ninon Vallin, contralto, lends new significance to "Les Berceaux" by Fauré in an outstanding vocal performance.

i-j-h-c 5 minutes \$1.25

CREATION (HFE)

Depicts the formation of the world, the land rising from the seas and the appearance of life upon the earth. It shows the Garden of Eden, with Adam and Eve and how they are driven out of the Garden of Eden into a desolate, dreary waste.

c-a 11 minutes \$1.25

CREATION OF A PORTRAIT (EB, Color)

Demonstrates essential steps in the creation of a representative portrait as painted by A. G. Warshawsky, prominent American artist. Shows artist making beginning sketch with color and brush. Follows through with the laying in of broad planes of color and portrays the gradual development of form in the portrait with constant reference to the model. Illustrates the use of glaze over painting and calls attention to the master touches which distinguish the work of a great painter from that of the mediocre.

h-c-a 11 minutes \$3.00

CREATIVE HANDS SERIES: BEGINNING OF PICTURE MAKING (IFB, Color)

Shows many examples of work produced by children, chiefly with tempera paint, at the ages of three and five, when skills are not yet mastered but creativity is great; at six, when recognizable figures are introduced; and at seven, in grade 2, when skills catch up with ideas. It is suggested that pictures at this age should not be graded but represent experience and enjoyment in terms of the individual child.

i-j-h-c-a 6 minutes \$1.25

**CREATIVE HANDS SERIES: BUILDING
MODEL HOUSES (IFB)**

Everyone feels the urge to build models now and then, whether it be model trains, airplanes, or boats. We see a school class which builds a model community, cutting the houses out of cardboard and building them to scale, painting them and putting them up along streets complete with trees, lawns, and lawn umbrellas. A novel idea for class projects.

p-i 6 minutes \$1.25

**CREATIVE HANDS SERIES: DESIGN
TO MUSIC (IFB, Color)**

Music as an aid to one's kinesthetic sense in drawing and painting. An artist draws lines to music while the narrator discusses music as a stimulant to good design. Film also shows how music can be interpreted with color, as well as line and space.

i-j-h-c-a 6 minutes \$1.25

**CREATIVE HANDS SERIES: FINGER
PAINTING (IFB, Color)**

Young children, teenagers, and adults will find pleasure and the urge to try finger painting after watching the ease and speed with which the artist in this film achieves original designs and dramatic effects with basic hand and finger movements.

i-j-h-c-a 10 minutes \$1.25

**CREATIVE HANDS SERIES: PAPER
SCULPTURE (IFB, Color)**

Indicates some of the possibilities of paper sculpture as a creative art form. Middle grade children are shown at work, and their products are shown at various stages as well as in finished form. Emphasis is on originality, with concrete suggestions on techniques such as folding, rolling, curling, and cutting paper.

p-i-j 6 minutes \$1.25

CRIME OF KOREA, THE (UW)

The report of a war correspondent on two visits to Korea—one in 1945 after liberation from Japan, the other in 1950 after the destruction and devastation of the country and its people.

a 15 minutes \$2.00

CRIMINAL IS BORN

(TFC, Restricted to Classroom Use)

A judge relates a case demonstrating the effect of parental neglect in the development of adolescent criminals.

h-c 20 minutes \$2.00

CRISIS IN IRAN (McGH)

Shows modern cities and primitive nomadic tribesmen, the largest oil refinery in the world and the ruins of ancient Persian civilizations. Outlines the economic and political conditions that have brought on the present crisis.

h-c-a 18 minutes \$2.00

CROP THAT NEVER FAILS (USDA)

By calling attention to disastrous floods, dust storms, insect plagues and drought that have plagued the American farmer during the last two decades, this picture points out that prosperity is not permanent, and that farmers should draw a lesson from the past and insure security by putting aside substantial financial reserves in the form of Savings Bonds.

8 minutes Handling charge, \$1.00

**CROSS SECTION OF CENTRAL AMERICA —
GUATEMALA (UW)**

Four hundred years after the Spanish conquest you still hear the ancient Indian languages of the Guatemalans and sense the feeling that time has stood still. The camera places you with these people and you at once feel the physiographic impact of the country upon them.

j-h-c 20 minutes \$2.00

CROW CRAZY (Castle)

Andy Panda has troubles getting the crows to leave his corn alone.

general 7 minutes \$1.25

CRUSADES, THE

(TFC, Restricted to Classroom Use)

The excerpted classroom version of "The Crusades" presents a vivid dramatization of the efforts of the Christians to recapture the Holy Land from the Saracens, with emphasis upon the leading figures and events of the Third Crusade.

j-h-c 34 minutes \$3.00

CUB IN THE DEN (BSA, Color)

Den meeting shown illustrating parts of Den Mother, Den Dad, Den Chief, and Denner.

i-j 20 minutes \$3.00

CUB IN THE HOME (BSA, Color)

Is designed to inform parents about the Cubbing Program. It specifically deals with the home-centered nature of cubbing and the parents' relationship to the boy's activity. It is especially useful in the first meeting of parents during the organization of a new Cub Pack. The story is about Bill, who wants to be a Cub,

how his father becomes interested in cubbing through the Cub committeeman, and how Bill and his father enjoy cubbing themselves.

i-j-c 19 minutes \$3.00

CUB IN THE PACK (BSA, Color)

Shows typical Pack project from preliminary planning to glorious end. Project is a Scout Circus in which all the Dens participate. We experience all the fun and thrills of the Circus as it is performed in a typical town.

i-j 20 minutes \$3.00

CUBA: THE LAND AND THE PEOPLE (C)

Close relationship between Cuba's tropical climate and the land is drawn in this timely picture of modern Cuban life. The Spanish background, the strategic value of the island to American security and the economic ties of Cuban products to the economy of the United States are shown—all in terms of the people of Cuba.

i-j-h-a 11 minutes \$1.25

CUERNAVACA (OIAA, Color)

In this film we visit three of the loveliest towns in Mexico—Cuernavaca, Tasco, and Acapulco. Cuernavaca, which stands on the site of an ancient Aztec village, is a beautiful week-end resort and Tasco, a silver mining town, is so picturesque that the Mexican government has named it a monument in order to keep it unchanged. Acapulco is seen in all its beautiful surroundings.

general 10 minutes Handling charge, \$1.50

CULINARY CARVING

(TFC, Restricted to Classroom Use)

An illustrated lecture by M. O. Cullen, carving expert, on the techniques of carving various cuts of meat.

j-h-c 9 minutes \$1.25

CURE, THE (BRF)

Charlie is wheeled in to take the water cure. While Charlie is being treated by a rough masseur, the drunk bellhop, ordered to dispose of Charlie's trunkful of bottles of liquor, tosses them in the well with amazing effects on Charlie and the patients. Charlie promises to reform but next morning falls into the well. About the funniest of the Mutual comedies.

j-h-c-a 22 minutes \$2.00

CURRENT FLASHES (JH)

The importance of the part that electricity plays in our everyday lives is highlighted. We see how generating plants adapt themselves to shifting loads and emergency conditions, and we see generators in use in many different places—radio stations—motion pic-

ture theatres—ships—trains—power plants—automobiles. The chief emphasis is placed on the generator and electrical system of the automobile.

The function of the generator and battery is completely explained. And the various uses of and necessity for electricity in an automobile are clearly demonstrated.

j-h-c 10 minutes \$1.25

CURTAIN TIME (EB)

As a guide for the staging of amateur theatricals, develops sequentially the major problems which the producer faces: casting, direction, rehearsals, costumes, properties, sets, publicity, and finances.

j-h-a 28 minutes \$3.00

CURVE CONTROL (JH)

This picture shows and explains how various types of vehicles are steered.

Steering principles governing different numbers of wheels are investigated and various types of steering mechanisms are explained. The geometric principle of a revolving cone is shown as it applies to any wheel which is tilted at an angle to the plane on which it rolls.

Practices of steering are demonstrated, and we are shown how wobbling and weaving on a bumpy road are eliminated.

j-h-c 8 minutes \$1.25

CUTTING A TAPER WITH THE COMPOUND REST AND WITH THE TAPER ATTACHMENT (USOE)

The operations used when turning a sharp taper on a bevel gear blank with the compound rest and a slight taper on a shaft with the taper attachment are demonstrated. Directions for setting the tool when cutting a taper, proper use of roughing and finishing tools, use of bevel protractor to measure a slight taper are shown. A brief summary of the sequence of operations closes the picture.

h-c 11 minutes \$1.25

CUTTING AN EXTERNAL NATIONAL FINE THREAD (USOE)

Various shapes of threads and their uses, the characteristics of the National Fine Thread, and procedures used to cut such a thread on a lathe are among the points described in this film produced by the U. S. Office of Education. Slow motion is used in parts of the film to emphasize and make clear the skill required in this operation.

h-c 11 minutes \$1.25

CUTTING KEYWAYS (USOE)

Shows the setting up of a shaft on the table of the milling machine for cutting a keyway at each end, the

*the***LOWER DEPTHS**

Gorki's fine play, presented by a Russian cast. In Russian with English subtitles.

20 MINUTES RUNNING TIME

\$2.00 PER WEEK



selection of the proper cutter, the determination of the correct speed and feed, and the setting of the machine for the correct depth and length of cut. The necessity for a rigid set-up of both work and cutter is emphasized. Animation shows how to calculate the feed and speed on the milling machine in terms of all the factors involved. All the steps necessary to cutting a keyway are reviewed.

h-c 11 minutes \$1.25

CUTTING TENONS AND SEGMENTS (UW)

Laying out and cutting a tenon; setting up equipment to make shoulder cuts; setting up the equipment to make first and second cheek cuts; preparing a jig to trim and miter segments; guiding the jig; and using a slide miter gage.

h-a 15 minutes \$2.00

CUTTING THREADS WITH TAPS AND DIES (UW)

Shows and explains the methods, operations, and procedures used when cutting small threads with the use of hand taps and dies.

h-a 19 minutes \$2.00

CZECHOSLOVAKIA (MOT)

The history of Czechoslovakia from its birth at Versailles through Communist domination today.

general 20 minutes \$2.00

D-DAY (OWI)

Filmed by American and British Army Film units and by official newsreel cameramen who accompanied the invading forces, D-Day tells the authentic story of the Allied invasion of Normandy. The commentary is by Clyde Kittel, N.B.C. announcer.

j-h-c 11 minutes \$1.25

DAIRY FARM (C, Color)

Colorful summer scenes of life on a dairy farm, milking and handling milk.

p-i-j 16 minutes \$3.00

DAIRY INDUSTRY (VGF)

In presenting both the work involved in production, in processing and marketing the products of the dairy farm, this film points out the various occupational opportunities to be found in the large and expanding dairy industry, including many specialists jobs. The locale of the picture is a modern dairy farm, and an up-to-date milk processing and marketing plant.

j-h 11 minutes \$1.25

DANCE FESTIVAL (BRF)

Presents successful contestants at the International dance festival in London in dances of the Ukraine, Caucasus, Uzbekistan and Armenia.

c-a 10 minutes \$1.25

DANGEROUS DOLLARS

(TFC, Restricted to Classroom Use)

The U. S. Treasury Department's battle against counterfeiters. Shows the best and quickest means of spotting bad money—both coins and bills. Shows by way of illustration the way a quick-thinking merchant can foil bad-bill passers.

h-c-a 10 minutes \$1.25

DANGEROUS STRANGER (SD)

Should be shown to all elementary school children. The dangers of listening to the "dangerous stranger" are related and shown to a group of children by a friendly policeman.

p-i-j 11 minutes \$1.25

DANIEL BOONE (EB)

Relives important episodes in the life of America's best-known wilderness scout, Daniel Boone, revealing the personality traits and experiences which made him outstanding in his field. Portrays Boone's youth in Pennsylvania and North Carolina, where he learned the ways of the wilderness. Traces his activity in the French and Indian Wars, his pioneering adventures in exploring and settling Kentucky, his activity in the Revolutionary War, and his final settlement in Missouri, where his reputation as a pioneer and scout became firmly established.

j-h-a 22 minutes \$2.00

DANIEL WEBSTER (EB)

Traces the development of the qualities and skills which made Webster a distinguished lawyer, the leading orator of his day, and a spokesman for American National unity. Portrays the events which influenced him to be first a states' rights man and defender of the trading interests of New England, and later, the nation's most eloquent advocate of strong national power and unity.

j-h-a 22 minutes \$2.00

DASHES, HURDLES AND RELAYS (EB)

The first part of this subject is taken up with the technique of the dashes—100 meters, 200 meters, and 400 meters. Demonstrations are given in both normal speed and in slow motion. There is ample repetition of the techniques of starting from various advantageous angles. Adjustments of sprinting form necessary for the 200 and 400 meter races are clearly brought out. The second part presents the hurdles and relays. Three types of good form in hurdling are illustrated. Much attention is given to the techniques of passing the baton in the relays, with differences in this technique between the short relays and the longer ones clearly shown.

i-j-h-c 20 minutes \$2.00

DATE ETIQUETTE (C)

The story of a date—the ways of asking and accepting date invitations, meeting the girl's parents, going to the date, behavior at an affair when seating is required, eating at a restaurant, going home and saying goodnight.

j-h-c-a 10 minutes \$1.25

DATE WITH YOUR FAMILY, A (SM)

Presents a heart-warming story of an evening in the life of a happy American family. Shows how the people of the story are bound together by mutual respect and affection, and an intelligent concern for small attentions which nurture good family living.

j-h-c-a 11 minutes \$1.25

DATES (HFE)

Since the date must have dry, hot atmosphere, it thrives only in desert areas where moisture can be provided by irrigation. This is one reason why Coachella Valley in Southern California is one of the world's most important date growing regions. This film tells of the planting, thinning, protecting, and harvesting of the fruit in the Coachella Valley.

j-h-c 11 minutes \$1.25

DATING: DO'S AND DON'TS (C)

By showing the progress of an idealized date, from inception of the idea, asking and accepting, to the date itself and the final goodnight, this film raises some important questions regarding dating, and suggests partial answers as guides for discussion. Such questions as "How old should you be before you date?" and "How late should you stay out?" help to stimulate open discussion of dating.

j-h 15 minutes \$2.00

DAVID COPPERFIELD, THE BOY

(TFC, Restricted to Classroom Use)

Sequences from the feature dramatization of Dickens' book.

general 40 minutes \$4.00

DAVID COPPERFIELD, THE MAN

(TFC, Restricted to Classroom Use)

Continuation of the previous film.

general 40 minutes \$4.00

DAVIS CUP, 1947 (AFC)

Complete coverage of the tennis matches with excellent camera views to bring the action at its best to the audience.

general 20 minutes \$2.00

DAY AT THE FAIR (EB)

Relives the fun, drama, and atmosphere of a state fair. Tells the story of three farm youngsters who go to the fair to exhibit their cattle and pigs, and follows them as they tend their livestock, watch the judging, see the displays, and take in the sights. Reveals one boy as he wins a prize, and follows all three as they frolic on the midway.

p-i 11 minutes \$1.25

DAY IN CONGRESS, A (FI)

Portrays Congress in action, starring members of Congress and the page boys whose daily chores keep the wheels turning on Capitol Hill. It presents a realistic picture of the environment in which the Congress of the United States carries on its work. It portrays the intimate, personalized story of A Day in Congress.

j-h-c-a 22 minutes \$2.00

DAY IS NEW, THE (OIAA)

A typical day in the life of the Mexican people is shown, picturing their varied daily activities, from dawn to night.

i-j-h-c 11 minutes Handling charge, \$1.25

DAY OF BATTLE (OWI)

The life of an aircraft carrier, how she was built and how she was destroyed in battle against the Japanese in the South Pacific, is recorded in the Office of War Information film. Battle scenes show the carrier's fighter planes, torpedo planes and dive bombers in action against the Japanese attacking force.

h-c 10 minutes Handling charge, \$1.25

DAY OF THANKSGIVING, A (YA)

Tells how a typical American family used Thanksgiving Day as the occasion to review the freedoms and privileges which they enjoy in their everyday living under the American way of life. They realize that they have more to be thankful for than just the usual symbols associated with Thanksgiving Day.

j-h-c-a 13 minutes \$2.00

DAY WITH ENGLISH CHILDREN, A (C)

Takes students to England for breakfast and school, classes and playing cricket, and doing all the simple everyday things. It is an important day, for it teaches students that although these children in another land have different customs, they also have much in common with us.

i-j-h 11 minutes \$1.25

DECIMAL FRACTIONS (JHP)

Presents, in animation, a simple, direct explanation of how decimal fractions are written and what they mean. Shows in detail their relationship to common fractions, but does not elaborate on how they are converted.

i-j-h 11 minutes \$1.25

DECIMALS ARE EASY (C)

By following an inductive plan, this film teaches that decimals are an integral part of our number system. First, they are used as an important element of everyday living. Then the film points out the decimals specifically and shows what they mean in terms of the whole decimal system of numbers. Slightly more difficult computations are given at the close of the film, summarizing addition, subtraction, multiplication and division of decimals.

i-j 11 minutes \$1.25

DECLARATION OF INDEPENDENCE

(TFC, Color, Restricted to Classroom Use)

The picture opens with a dramatic foreword to the effect that if American independence had failed, the

signers of the Declaration of Independence would have signed their own death warrants.

Delegates from the various colonies are shown on their way to Philadelphia. Hancock presides in the convention hall where there is considerable discussion. Rodney is the only delegate to return home; and when word reaches him that his vote is needed, he makes a fast ride of eighty miles. Though he is shot at on the way, he escapes, and with his vote the independence issue is carried. The picture closes with the ringing of the Liberty Bell.

i-j-h-c 20 minutes \$3.00

DECORATIVE METALWORK (GAF)

First various articles made of different metals are shown and then the particular project to be undertaken here is outlined. A rough free-hand sketch of the design is made and then it is accurately drawn. The metal is flattened, cleaned and a thin coat of wax is applied. The pencil lines are transferred to the waxed metal. Steel wool is used to rub off the wax. The edges are filed and smoothed with emery cloth. The entire back and parts of the design not to be etched are painted with asphaltum. The design is cleaned and smoothed. The edges are waxed. A solution of water and nitric acid is made and tested with a serpa of metal. The bracelet is taken out and dried. Turpentine removes the asphaltum. It is placed on a bracelet bender and polished with a fine emery cloth. A young girl puts the bracelet on her wrist.

j-h-c 11 minutes \$1.25

DEEPER ACRES (NFA, Color)

A young man going to agricultural college puts the practices he learns there to work. Use of strip cropping, good fertilizer, and improved cropping methods enable him to get more yield from the land, eliminating the necessity for buying more land. Film emphasizes the fact that farming is not a static occupation—new methods are constantly being found.

h-c-a 20 minutes \$1.00

DEER AND ITS RELATIVES (C)

Family scenes of the Virginia deer, wapiti, fallow deer, Bactrian camel, dromedary, the alpaca and llama of South America and the African cousin, the giraffe.

p-i 10 minutes \$1.25

DEFENDING THE CITY'S HEALTH (EB)

Describes factors which affect the health of cities. The work of a model city health department is portrayed which includes education, gathering statistics, nursing, supervising sanitation, laboratory analyses, child hygiene, and a comprehensive sequence on the control of communicable diseases. The role of the individual citizen in a health program is stressed.

j-h-c 11 minutes \$1.25

DEFENSIVE FOOTWORK IN BASKETBALL (EB)

Teaches stance, striding with an opponent, checking arm and footwork, pivoting and taking positions.

j-h-c 10 minutes \$1.25

DEMOCRACY (EB)

Explains and illustrates two characteristics of democracy which are: shared respect and shared power.

j-h-c 10 minutes \$1.25

DENTAL HEALTH: WHY AND HOW (C)

Presents a dramatic review of what research and experimentation have done to promote better dental health for the American public. Brings you an up-to-date report on diet and its relation to the growth and decay of teeth, new sodium fluoride applications, and the latest techniques of oral hygiene. The coveted Seal of Approval of the American Dental Association has been awarded to Dental Health: Why and How.

i-j-h-a 11 minutes \$1.25

DENTISTRY A CAREER (VGF)

Presents an interesting study in the education of young men for the dental profession. Educational prerequisites for entrance to a dental college are discussed. Film presents a survey of the four year course of study, with shots in the lecture room, laboratory and clinic. Actual laboratory technique is demonstrated and students use complicated apparatus. Classes in gross anatomy, chemistry, bacteriology, dental anatomy and other advanced courses are shown. Opportunities open to graduates are explained, such as: Internships in hospitals and children's clinics, appointments in government public health service and state departments of health.

j-h 20 minutes \$2.00

DESCRIBING AN INCIDENT (C)

Here is an incident poorly described, and then the same incident interestingly, completely, colorfully described. This film is an unusual participation device which stimulates class interest in the development of descriptive ability.

j-h 10 minutes \$1.25

DESCRIPTIVE GEOMETRY: FINDING LINES OF INTERSECTION BETWEEN TWO SOLIDS (UW)

Explains, carefully and in detail, how to determine the lines of intersection of two solids in making drawings of the solids as they will be joined.

c-a 20 minutes \$2.00

DESERT NOMADS (EB, Color)

Portrays the nomadic life of the Bedouins, with particular emphasis on the work of a desert patrol which guards against smuggling, slavery, and other illegal activities.

i-j-h 10 minutes \$2.25

DESERT NOMADS—FRENCH MOROCCO (UW)

This film presents the life of Nomads who are found in some dry-land regions of the world. They wander from place to place in search of pasturage of their animals, but return to water spots to exchange animal products for agricultural products. We see tribes of nomads in the Sahara, south of the Atlas Mountains, wandering from place to place in search of grass for their animals, but always returning to the oasis to exchange their products for agricultural crops. These people, like all desert tribes, are dependent upon the camel for transport.

i-j-h 22 minutes \$2.00

DESERT PATROL

(TFC, Restricted to Classroom Use)

Here we have life in and about a military post on the Libyan desert. When the picture opens, it is sunrise; the dromedaries are rousing themselves; the bugler calls the soldiers to breakfast. Water is drawn from a deep well using a crude leather pouch.

At an oasis, children swim; women do the family washing. The dromedaries are fed their oats and are sheared; their hair, to be used for coat making, is cleaned and spun by the women.

After a dance by a veiled native, which is accompanied by the wild hand clapping of the spectators, the patrol leaves in body, breaks into groups of three, each group going to its post. There are views of the wind-blown sands of the desert, of camels reclining during a sandstorm, and of the oasis with the sentinel who has remained to keep watch.

general 9 minutes \$1.25

DESERT VICTORY (UW)

The story of the British Eighth Army's defeat of General Rommel in Africa. Shows the stand at El Alemein, then the gradual build-up of forces, and finally the attack. The break-through follows, and then the historic rapid advance through Tripoli that led to the final defeat of the Afrika Korps.

general 60 minutes \$6.00

DESIGN FOR AMERICAN PUBLIC EDUCATION (McGH)

The organizational structure of American public education, first as it might be if it were an "assembly line" educational process controlled centrally, and as it actually is in a democratic society—constitutional

delegation of education to the various states with decentralization and state supervision, a system that develops responsible citizens in a democratic society.

c-a 16 minutes \$2.00

DESPOTISM (EB)

Presents scale on which all communities can be measured and illustrates effects of concentration of power, control of communication, slanted distribution of wealth and restricted respect.

j-h-c 10 minutes \$1.25

DEVELOPING FRIENDSHIPS (C)

It is vitally important that young people understand and appreciate "friends" and that they understand how real friendships are developed and maintained. This film accomplishes those objectives while showing that real friends make a person better than he or she already is.

h-c-a 11 minutes \$1.25

DEVELOPING IMAGINATION (C)

Can a person actually develop his imagination? Is there a simple way to use imagination so it will enrich reading, writing, speaking, problem solving? The answer is "yes" and this film will interest boys and girls in the value of imagination and help them to develop and relate imagination to its many study and social functions.

j-h-c-a 11 minutes \$1.25

DEVELOPING LEADERSHIP (C)

Bert knew what to do when a flood struck Greenview. With enthusiasm, vision, and imagination — with readiness to assume responsibility, he directed a job well done. This film will help to develop those leadership qualities in everyone who sees it.

h-c 10 minutes \$1.25

DEVELOPING RESPONSIBILITY (C)

The story of a boy and of the dog that he wants very badly, which teaches lessons in responsibility. It is seen that although responsibilities often entail hard work, difficult decisions, and missing out on some fun, the rewards, both material and spiritual, more than compensate, and that through planning and determination, a fuller, happier life will be in the offing.

p-i-j 10 minutes \$1.25

DEVELOPING SELF-RELIANCE (C)

How dependency grows and yet how necessary self-reliance is to all successful endeavor and happiness is shown. Analyzes the steps in developing self-reliance as: assume responsibility, be informed, know where you are going, and make your own decisions. A careful

distinction is drawn between dependence — which is desirable — and seeking advice and help, which is part of being intelligently self-reliant.

j-h 11 minutes \$1.25

DEVELOPING SHORTHAND SPEED (McGH)

Demonstrates the teaching of shorthand in actual classroom situations. Other titles in the GREGG SHORTHAND SIMPLIFIED SERIES are: First Lesson in Gregg Shorthand Simplified, Typical Lesson in Gregg Shorthand Simplified, Teaching Marginal Reminders, Developing Shorthand Speed, Doing Homework in Gregg Shorthand Simplified, and Doing Homework in Gregg Shorthand Simplified, Functional Method.

h-c-a 14 minutes \$2.00

DEVELOPING YOUR CHARACTER (C)

What good character is and how it can be achieved in order to live more happily and more successfully is brought out. The influences from the home, church, school, and friends that mold an individual's character are described and a guide to developing this character is presented.

i-j-h 10 minutes \$1.25

DEVELOPMENT OF COMMUNICATION (EB)

In this picture the most important aspects of the long story of man's human communication are shown. Not only are the devices of communication shown, but the social, cultural and economic effects of these devices upon human living are clearly presented.

j-h-c 11 minutes \$1.25

DEVELOPMENT OF THE CHICK, THE (UW)

Shows the development of the chick throughout the period of incubation. By means of a series of photographs taken at various stages, the hatching process and the subsequent growth of the chick to maturity are seen in detail. Growth processes and movements are sped up due to the film's independence of actual time.

h-c 10 minutes \$1.25

DEVELOPMENT OF TRANSPORTATION (EB)

Transportation developments within the United States during the past one hundred fifty years; the physical barriers, the spread of the railroad network, and the subsequent highway development; principal stages in the development of the locomotive and automobile; modern transportation devices, including the airplane, in relation to their potentialities and our dependence upon them.

i-j-h 11 minutes \$1.25

DIAMONDS IN THE ROUGH

(TFC, Restricted to Classroom Use)

South Africa's diamond mines. Shows blasting in the pits to loosen the dirt. Then the "blue ground" is carried up to be crushed and washed. The diamonds, washed out, are sent to Belgium, the United States, and various other places to be cut and polished.

general 9 minutes \$1.25

DIARY OF A SERGEANT (OWI)

Real-life story of the rehabilitation of a U. S. soldier who sacrificed his hands for his country.

general 22 minutes \$2.00

DIES AND DIE MAKING: BLANKING TOOLS

(FP)

This subject is broken into two parts; the first reel treats the elementary principles of dies and their construction. The different important types of blanking tools are shown. The simple open die, the parting tool, the progressive tool and the compound tool.

j-h-c 10 minutes \$1.25

DIES AND DIE MAKING: FORMING TOOLS

(FP)

This reel is the second part of Dies and Die Making. It covers the bending, forming and drawing of metal in dies. The two reels present the practical points that are essential to the correct operation of press tools.

j-h-c 10 minutes \$1.25

DIESEL, THE MODERN POWER (USBM)

New sources of power always seem to have a romantic appeal. So it is with Diesel motors. Much interest has been evinced and many prophecies have been made. Here is a film that traces the development of the Diesel motor from a single crude cylinder to the mighty banks of engines that propel the latest streamlined trains.

j-h-c 20 minutes \$2.00

DIGESTION OF FOODS (EB)

In this film both the mechanical and the chemical aspects of digestion are presented, together with their controlling factors. Among the mechanical processes included are mastication, swallowing, stomach contractions, intestinal segmentation, and intestinal peristalsis. Among the chemical processes presented are the production of saliva and the action of the ptyalin on starch, the production of gastric juice and the action of pepsin on albumin, and the production of pancreatic juice and the action of lipase on fats.

j-h-c 11 minutes \$1.25

DINNER PARTY AND DINNER PARTY

REVIEW (SM)

Proper table etiquette is presented in dramatized form by a group of teen-agers who are attending a birthday party honoring the host. A full three course dinner is served consisting of the usual soup, meat and dessert.

j-h-c 22 minutes \$2.00

DIODE (USOE)

Explains the principles of electron flow in a diode tube, photoelectric cells and X-ray tubes.

j-h-c 17 minutes \$2.00

DIRECTING A PLAY (IFB)

Dr. Gnesin of the Goodman School shows how "Business" of characters is developed and how rehearsals are conducted. An adaptation by Louise Dale Spoor of Mark Twain's "Tom Sawyer" serves as an illustrative example.

h-c-a 10 minutes \$1.25

DISCOVERY AND EXPLORATION (EB)

Describes, with animated drawings, the North American territory involved during the period of discovery and exploration from 1492 to 1700. Sequences include paths followed by explorers from the Old World in seeking new routes to the east; the Spanish conquests; early northeast trade routes; and mid-continent developments. The narration gives due significance to the human motives involved.

j-h-c 11 minutes \$1.25

DISCUSSION IN DEMOCRACY (C)

What a world of difference there is between the constructive results of a well-organized, democratic discussion and those of a mere argument. In this film story, a typical group of students learn, through expert advice and through their own experiences, the relationship of organized discussion to a democratic society . . . and they develop a three-fold program for the leader and the participants in any discussion, involving: 1) Preparation, 2) Planning, 3) Personalities.

j-h-c 10 minutes \$1.25

DISCUSSION IN THE SOCIAL SCIENCES (EB)

Illustrates an on-the-spot record of an unrehearsed discussion in a first-year college class in social science. Presents discussion as a method of teaching by showing students and teacher examining Horace Mann's essay on free universal education. Points out the role of the instructor as a guide, and illustrates the contribution of the students to a well-planned, skillfully executed discussion period.

h-c-a 22 minutes \$2.00

DISCUSSION PROBLEMS: THE BULLY (YA)

Deals with the problem of the individual who is too aggressive in his relations with others of his group. The situation dramatized concerns Chick, a young boy in his early teens, large for his age, and decidedly aggressive in his relationships with others. Chick is the leader of a small gang of boys, most of whom are smaller in size. The boys and girls involved are junior high school students.

i-j 10 minutes \$1.25

DISCUSSION PROBLEMS: CHEATING (YA)

Deals with the problem of the individual who unfairly seeks the help of others in the performance of his school assignments. The situation dramatized concerns John Taylor, a junior high school member of the student council, who gradually comes to place more and more dependence on Mary Matthews, his classmate, for assistance in completing his school assignments. The climax of the situation occurs when John is caught receiving help during an examination.

i-j 10 minutes \$1.25

DISCUSSION PROBLEMS: THE OTHER FELLOW'S FEELINGS (YA)

Focuses on the problem of teasing or ridicule that is prolonged to the point where it really hurts. No conclusions are drawn, and the audience is challenged to discover its own answers to the problem. Intended for grades 5 to 9.

i-j 10 minutes \$1.25

DISCUSSION PROBLEMS: OTHER PEOPLE'S PROPERTY (YA)

Focuses on the problem of vandalism and respect for other people's property. Tells the story of three young boys whose prank results in serious property damage.

i-j 10 minutes \$1.25

DISCUSSION PROBLEMS: THE OUTSIDER (YA)

The story of a young girl who feels that her school group rejects her. Brings out not only her responsibilities but also those of the group in helping the individual to adjust herself to the requirements of the social group.

i-j 10 minutes \$1.25

DISTANCE RACES (EB)

The style of the distance runner, 1,000 to 10,000 meters, is contrasted with that of the dash man. Differences in typical physiques are shown. Slow-motion scenes analyze particular movements.

j-h-c 11 minutes \$1.25

DISTRIBUTING AMERICA'S GOODS (EB)

Shows present sources of transportation costs to producer, wholesaler, retailer and some ways distributors and consumers can cooperate to reduce distribution costs.

j-h-c 10 minutes \$1.25

DISTRIBUTING HEAT ENERGY (EB)

Four sequences of scenes make up the content of this production prepared for junior high school general science instruction. The first sequence deals with different kinds of heat sources—coal, oil, gas, electricity, and wood. A second sequence demonstrates how furnace fuels are burned in coal, oil, and gas furnaces. The third sequence treats the development of home heating from the Colonial fireplace to the modern steam radiator. In the fourth sequence the mechanics of heat transfer by conduction, by convection, and by radiation are presented.

i-j-h 11 minutes \$1.25

DISTRIBUTION OF FOODS (EB)

Pictures the technical developments and economic problems connected with the preservation and transportation of food. Animated maps illustrate tariff barriers and food movement.

j-h-c 10 minutes \$1.25

DIVIDE AND CONQUER (OWI)

Hitler's strategy of lies and treachery in his plan for over-running Europe is graphically described in this film. Allied and captured Axis newsreels, news headlines and animation are skillfully blended to show how the Nazi Fuehrer softened his victims with propaganda and then launched his treacherous attacks. The actual crackling of fire and the crumbling of brick is realistically recorded with live sound. The calm, intelligent commentary has a very persuasive effect.

h-c 58 minutes \$6.00

DIVIDE AND CONQUER —**Short Version (OWI)**

A shortened version of the longer film of the same name in the Visual Aids library. In telling the story of Hitler's early conquests, this film emphasizes the part advance propaganda had in the victories. Shows how the ground was prepared by whispering campaigns, and by propaganda broadcasts before the actual war broke out, so that the armies had little to do but march in—the fighting had been done in advance.

general 19 minutes \$2.00

DIVISION IS EASY (C)

A companion film to Multiplication Is Easy, it helps children to understand division, to know why division

is important, and to know what to learn in order to master this basic arithmetical process. The film may be used to introduce the study, to enrich it, or to review it in later grades.

p-i-j 11 minutes \$1.25

DIZZY ACROBAT (Castle)

Woody Woodpecker tries to sneak into a circus. The results are really dizzy.

general 8 minutes \$1.25

DO BETTER ON YOUR EXAMINATIONS (C)

Four basic rules that students can follow to do better on their examinations are presented. These rules are demonstrated and the various types of exams—and the purposes of them—are presented. Students see, too, how to prepare for tests and learn how to cultivate a positive attitude towards tests by understanding the purposes, objectives and values of examinations.

j-h-c-a 11 minutes \$1.25

DO UNTO ANIMALS (USDA)

Shows how livestock often are injured and killed in the process of marketing and outlines approved methods in transporting and handling that will reduce yearly loss of \$12,000,000.

j-h-c 20 minutes \$2.00

DO WORDS EVER FOOL YOU? (C)

Simple situations illustrate word problems in human relationships, in business, and in politics.

i-j 11 minutes \$1.25

DOCTOR, THE (EB)

Develops an appreciation for the significant role of the medical doctor in modern life. Follows a child specialist through a typical day at his office, at the hospital, and at the home of a patient. Reveals him at such duties as those of making a physical examination, vaccinating a baby, visiting his hospital patients, and diagnosing a case of measles.

p-i 11 minutes \$1.25

DOCTOR SPEAKS HIS MIND, THE (ACS)

This film was planned, not to give members of an audience the medical and scientific facts and figures of cancer, but rather to stimulate their interest to the point where they will be eager to learn such facts from their doctor. The film is used to best advantage as an introduction for a professional speaker who may be qualified to discuss the medical and scientific aspects of cancer.

general 22 minutes \$2.00

DODDER, THE (EB)

The entire life story of the dodder, one of the best known of the group of parasitic flowering plants, is shown by means of time-lapse photography, accompanied by an explanatory narrative. Among the more impressive features is the presentation of the dodder twining about the host plant. Animation aids in revealing details in the structure and operation of the suckers. The destructive character of this plant is demonstrated as well as its beauty.

j-h-c 11 minutes \$1.25

DOES IT MATTER WHAT YOU THINK? (BIS)

Is an amusing and provocative film for adults and teen-agers by arousing many questions in the mind of its audience. Do you think what you are told to think or do you form independent conclusions? Do you read

Music and the Dance

MUSIC IN AMERICA

INSTRUMENTS OF THE ORCHESTRA

CHILDREN'S CONCERT

SADLER'S WELLS BALLERINA

BARBER OF SEVILLE

LUCIA DI LAMMERMOOR

SELECTED SONGS OF STEPHEN FOSTER

WILLIAM TELL

MODERN DANCE



a newspaper because it expresses your ideas or because you accept its editor's ideas? When you form an opinion, what use do you make of it?

h-c 15 minutes \$2.00

DONALD DUCK, THE MECHANIC (BF)

Donald, Mickey, and Goofey are gas station attendants. They dismantle an automobile to find that the squeak within it is a cricket. The car is put together in such a manner that the owner shortly finds himself being chased by the motor.

general 5 minutes \$1.25

DON'T BE A SUCKER (Castle)

This film points out the dangers of blindly following rabble-rousers who would divide us into mutually hateful groups. In the film a young man pauses to listen to a speaker who blames all social and economic ills on various minorities. A man who had been standing beside him explains that he came to America as a refugee from Nazi Germany where he observed the speaker's technique of sowing hatred utilized by Hitler to enslave the German people.

h-c-a 20 minutes \$2.00

DON'T BE AFRAID (EB, Color)

This film is designed to aid youngsters in obtaining a basic understanding of fear. It points out that certain fears are normal, that many will be outgrown, and that others can be overcome.

i-j 11 minutes \$2.25

DON'T GET ANGRY (EB, Color)

Explains anger as a natural emotion which cannot be entirely avoided but which can be successfully managed in a mature way. Reveals physiological changes during the period of excitement, and emphasizes control of anger in children and adults.

i-j 11 minutes \$2.25

DOUBLE-PLAY KINGS OF BASEBALL (IHSA)

Gives the techniques and functioning of some of the great double-play combinations in American baseball.

general 20 minutes \$2.00

DOWN THE GASOLINE TRAIL (JII)

In this motion picture an animated drop of gasoline is followed step by step through the fuel system.

As the drop is followed down the gasoline trail, the student sees exactly what happens to gasoline on its trip from gas tank to and through the motor and out the exhaust pipe.

The student sees the pump automatically supplying the right amount of fuel to the carburetor and also the function of the carburetor and its venturi tube in changing gasoline into fine particles of gasoline "dust" or mist. From there the gasoline dust goes into the combustion chamber, explodes, and then the waste passes on through the exhaust pipe.

j-h-c 8 minutes \$1.25

DRAFTING TIPS (PSC)

Is intended to give instruction in the use and care of drafting equipment and to emphasize the importance of cleanliness and accuracy in drafting work. It contains instruction on proper sheet layout and the use of an alphabet of lines. Graphically it depicts the best procedure in developing a drawing from beginning to end in the most efficient and accepted manner.

j-h-c 28 minutes \$3.00

DRAFTSMAN, THE (VGF)

Describes the characteristics of the drafting profession. In order to understand the similarity between the English language and the graphic language the film shows the comparison between the two types of alphabets used, namely one using letters and the other using lines. It shows how the draftsman makes use of his unspoken language. The technique of drafting, including the proper use of equipment, is also shown. The film also explains the application of drafting in machine design and architecture.

h-c 11 minutes \$1.25

DRAFTSMEN OF DREAMS (FI)

Gives effective illustrations of the interplay between inventions and social needs, and highlights the role the Patent Office plays in recording inventions and protecting inventors.

j-h 22 minutes \$2.00

DRAMA OF STEEL (USBM)

The film shows the uses of steel in the home, in industry and for national defence. Depicts primitive methods of producing steel, ancient iron castings, an early American blast furnace and a model of early air-blast or Bessemer converters. There follow views of modern open-pit iron mining, loading ore into railway cars and freighters, mining the limestone for producing slag and the making of coke for use in the blast furnace. Next are views of blast furnaces, the control room, animated drawings and description of the operations within the blast furnace, tapping the furnace and the casting of pigs. There appears a montage of products made of steel, and scenes in the cold reduction mill, in the tin mill, the hot mill, the blooming mill, the billet mill and the bar mill.

j-h-c-a 30 minutes \$3.00

DRAWING: THE CIRCLE (YA)

Shows that the circle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes \$1.25

DRAWING: THE RECTANGLE (YA)

Explains that the rectangle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes \$1.25

DRAWING: THE SQUARE (YA)

Shows that the square is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes \$1.25

DRAWING: THE TRIANGLE (YA)

Explains that the triangle is one of the basic forms from which many objects are drawn. Gives a number of simple demonstrations.

p-i-j 11 minutes \$1.25

DRAWING WITH PENCIL (EB)

Theodore Kautzky, artist and well-known authority in the field of pencil drawing, demonstrates the most effective techniques to be used in the completion of a scene drawn with pencil. An old Colonial New England stone building is the subject.

j-h-e 11 minutes \$1.25

DRAWINGS AND THE SHOP (McGH)

Film points up relationship between making the drawing and various production operations in shop and factory. For other titles in this series see According to Plan: Introduction to Engineering Drawing.

e 15 minutes \$2.00

**DRILLING IN METAL, WOOD
AND PLASTICS (UW)**

Demonstrates and explains the use of several types of drills suitable for drilling in different metals, woods, or plastics.

h-a 23 minutes \$2.00

DRIVEN WESTWARD

(TFC, Restricted to Classroom Use)

Classroom version of the Hollywood production, "Brigham Young," starring Tyrone Power and Linda Darnell.

j-h 30 minutes \$3.00

**DRIVER TRAINING: ADVANCED TURNING
MOVEMENTS (BFS)**

Demonstrates the proper methods of making the four basic turning movements in driving—changing from one lane to another, making a left turn at a busy intersection, backing into a parallel parking space, and making a U-turn on a narrow street.

h-c-a 10 minutes \$1.25

DRIVING AT NIGHT (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: Driving on the Highway; Driving in the City; Parking the Car; Driving Under Adverse Conditions; Care of the Car.

h 10 minutes \$1.25

DRIVING ECONOMICALLY (GM)

Part of General Motor's Driver Education Series. This particular film covers the basic area of economical automobile operation.

h 17 minutes \$1.25

DRIVING IN THE CITY (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: Driving on the Highway; Parking the Car; Driving Under Adverse Conditions; Care of the Car; Driving at Night.

h 10 minutes \$1.25

DRIVING ON THE HIGHWAY (FMC)

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: Driving in the City; Driving at Night; Parking the Car; Driving Under Adverse Conditions; Care of the Car.

h 10 minutes \$1.25

**DRIVING UNDER ADVERSE
CONDITIONS (FMC)**

Part of Driver Education Series produced by Ford. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: Driving in the City; Driving at Night; Parking the Car; Care of the Car; Driving on the Highway.

h 10 minutes \$1.25

DRUG ADDICTION (EB)

The story of a youthful addict emphasizes the hazards of the use of narcotic drugs. Shows the derivation of various drugs, the causes and physiological effects of drug addiction, and the treatment for those who are addicted.

h-c-a 22 minutes \$2.00

DRUMS ALONG THE MOHAWK

(TFC, Restricted to Classroom Use)

Classroom version of the Hollywood production by the same name starring Claudette Colbert and Henry Fonda.

j-h-a 30 minutes \$3.00

DRUNK DRIVING (TFC)

An excellent dramatization showing the damage caused by a drunken man at the controls of a car.

Note: Regulations governing the use of films from Teachings Films Custodians have been modified for showing of this film. It may be shown by any non-theatrical group which desires to use it provided no admission is charged.

general 20 minutes \$2.00

DUE PROCESS OF LAW DENIED

(TFC, Restricted to Classroom Use)

Dramatization of the kind of unlawful trials which were sometimes held in the early days of the West (Nevada 1885). Pictures the dangers of denying due process of law and illustrates convincingly the necessity to recognize the rights of an accused person as guaranteed by the Constitution of the United States. The action and dialogue of the film point up the dangers of mob violence and provide opportunity for discussion with reference to present day problems.

h-c-a 30 minutes \$3.00

DUTCH TRADITION, THE (OWI)

The fundamentals of the Dutch moral strength in the Allied cause of peace and freedom are brilliantly portrayed in this timely film. Holland made ready for her defenses with the first hint of war. She fought the Nazi invasion to the last weapon and finally opened her canals to flood the Nazi War Machine. How Holland is carrying on with a stubborn resistance against the Nazi regime is fully shown in this picture.

h-c 27 minutes Handling charge, \$2.50

DUTIES OF A SECRETARY (NEF)

Demonstrates proper duties of a secretary by showing the wrong and right ways to handle the job. The wrong ways are shown in a dream which a young secretary has on the eve of beginning a new job.

h-c-a 30 minutes \$3.00

EACH FOR ALL (BIS)

British factory workers belong to trade unions, which represent them both in the workshop and at the national conference table. Departmental or shop grievances can generally be righted by a brief discussion between management and the workers' representative. The film also shows a meeting of the Trades Union Congress, which represents every kind of trade union in Great Britain.

general 11 minutes \$1.25

EARLY ONE MORNING (SC)

An actual Christmas celebration in Sweden. The whole countryside awakens at four o'clock on Christmas morning and all interest is centered on the church and its surrounding graveyard. Pine torches light the way for members of the congregation who have come to the church with their horse-drawn sleighs. Young voices sing the Swedish Glory of the New-born King and the vicar repeats the story of the miracle birth of Christ.

i-j-h-c-a 10 minutes \$1.25

EARLY SETTLERS OF NEW ENGLAND (EB)

Re-enacts the lot of Salem's hardy pioneers about 1626. Types of people; the proximity of their bark wigwams and dugouts to the seashore; their direct dependence upon the sea and the land for food; the need for mutual assistance; division of labor; care of the sick; problems of crop cultivation; relationships with England; and the background beginnings of American democracy are portrayed.

j-h-c 10 minutes \$1.25

EARLY SOCIAL BEHAVIOR (EBF)

In this picture the observer sees the manifestations of infant personality in a variety of social settings. Ten different children from eight weeks to seven years of age are studied. Individual differences are emphasized. The social significance of the household is conveyed by scenes which reflect parent-child relationships and interaction between brothers, sisters, and adults.

h-c-a 11 minutes \$1.25

EARNING MONEY WHILE GOING TO SCHOOL (C)

The question of doing part-time work while in school is a common one and this film serves as a guide for students considering outside employment. It shows that work after school can be undertaken if it doesn't interfere with school work and recreation. In addition to providing extra money, part-time work is valuable in many other ways; increasing responsibilities, understanding the relation between job work and school work, learning new skills and learning to get along with people.

j-h 11 minutes \$1.25

EARS AND HEARING, THE (EB)

Describes the physiology of the human ear by means of animated drawings and close-up photography of the ear as it is functioning. Portrays how parts of the ear operate, and records some of the important kinds of sounds in our environment. Explains common causes of impaired hearing and demonstrates how a hearing aid is used.

j-h 11 minutes \$1.25

EARTH AND ITS SEASONS (KB)

The reasons why we have changes of seasons, vernal and autumnal equinoxes and summer and winter solstices are explained and depicted by photography and animated drawings.

i-j-h 11 minutes \$1.25

EARTH IN MOTION, THE (EB)

Presents realistically the dynamic aspects of the earth as a planet. The earth's sphericity is demonstrated, while rotation is established by star trails and the Foucault pendulum. Proof of the earth's revolution about the sun is presented by motion of the sun in respect to stars and by the annual parallax of stars. The film concludes with phenomena associated with this revolution, such as characteristics of orbit, aphelion and perihelion, law of areas, inclination of axis, and seasons.

j-h-c 11 minutes \$1.25

EARTH MOVERS (OWI)

U. S. Army Engineers and Seabees in action building bridges, roads and airstrips.

general 14 minutes \$2.00

EARTH SINGS, THE (BRF)

Palestinian songs and dances, expressing the theme of an ancient and harassed people returning to the land and the building of a nation.

h-c-a 15 minutes \$2.00

EARTHQUAKES (FOC)

A study of the nature, causes, and effects of earthquakes, with special reference to the methods of recording and interpreting seismic phenomena. Extensive use is made of animated drawings to explain the origin and differentiate between volcanic and tectonic earthquakes. Seismographs are shown in operation and their mechanism is carefully explained.

j-h-c 10 minutes \$1.25

EARTH'S ROCKY CRUST, THE (EB)

The basic fact of geology—the building up and breaking down of rocks and land forms—is graphically shown through presentation of the water cycle,

the formation of rocks, and crumbling of rocks. Animated diagrams, models and illustrative scenes are used in the film to present more clearly the subject matter.

j-h-c 11 minutes \$1.25

EARTHWORMS (UW)

The film displays, in microphotographic detail, the anatomy and anatomical functioning of earthworms. It also gives a complete pictorial analysis of the dissection procedure—a vital part of every biology and general science program. In addition, it points up the contributions of the earthworms to soil enrichment.

h-c 10 minutes \$1.25

EASTER (EB, Color)

The pleasant events associated with the preparation for Easter. Part of a series of films about several holidays.

p 5 minutes \$2.25

One day only during March & April

EASTER SEASON, THE — Church Version (C, Color)

Visualization same as below, but narration describes specifically the significance of Easter to Christian Peoples. Emphasizes the importance of Christ's resurrection in the meaning of Easter.

p-i 10 minutes \$2.25

One day only during March & April

EASTER SEASON, THE — School Version (C, Color, B&W)

Shows the origins of some of our customs at Easter-time, comparing our Easter observances with the spring festivals of other lands and other times. The background of eggs, rabbits, the sun and moon and bright colors in relation to Easter is portrayed.

p-i 10 minutes Color \$2.25 B&W \$1.25

One day only during March & April

EASY STREET (BRF)

The most famous of the Chaplin-Mutual pictures. Charlie, a derelict, wanders into a Mission. Reformed by a minister and the angelic Edna, his first act is to return the collection box he had stolen. There is a street brawl going on in Easy Street, the toughest section of the city. Charlie joins the police force and overcomes the big bully by asphyxiation. He dispenses charity among the poor. In the end, "Love Backed by Force; Forgiveness Sweet, Bring Hope and Peace, to Easy Street." All the reformed inhabitants walk sedately to the New Mission.

j-h-c-a 22 minutes \$2.00

ECLIPSE (ALF)

Pictures of an actual solar eclipse, taken by means of time-lapse photography, illustrate this natural phenomenon.

j-h-a 11 minutes \$1.25

EDITOR'S NOTEBOOK, THE (WPP)

A history of the Chicago Daily News. Featured highlights are the sequences devoted to current affairs such as the recent Skid Row expose, the prison investigations of a girl reporter, and the résumé of other famous editorial achievements. Also shown are the physical details of news-gathering and getting out the paper.

h-c-a 33 minutes Handling charge, \$1.00

EDUCATION IS GOOD BUSINESS (CPP)

Shows that where a community, state or nation courageously invests a substantial share of its resources in education, the investment invariably is returned in better business and a higher standard of living.

general 10 minutes \$1.25

EDUCATION OF EXCEPTIONAL CHILDREN (UI)

All phases of a well-rounded, nationally recognized program for the education of exceptional and handicapped children is depicted. Programs in operation to aid the hard of hearing, speech handicapped, mentally retarded, and those individuals with impaired sight are shown.

c-a 25 minutes \$3.00

EGGS (EB)

Care and feeding of large flocks of hens in laying houses; gathering of eggs from open nests and trap nests; cooling of eggs, and automatic candling, grading, cleaning and packing of eggs for market are shown. Illustrates use of technological methods in modern, large scale egg farming.

i-j-h 11 minutes \$1.25

EGYPT — KINGDOM OF THE NILE (TFC, Restricted to Classroom Use)

Here is Egypt and its historic Nile. There is Luxor, built on the site of the ancient city of Thebes. We see the Temple of Luxor. Its massive columns, because of the unusually dry climate, have stood for 3,000 years. Then the ruins of the Temple of Rameses the Second which, the commentator says, was intended by Rameses to be imperishable. In the Valley of Kings, the largest and oldest burial ground known to man, we visit the celebrated tomb of King Tutankhamen. We see a close-up of his likeness on the cover of the sarcophagus which has been left there.

j-h-c 11 minutes \$1.25

EIGHT PARTS OF A BUSINESS LETTER (LF)

Shows how mail is handled, why letters are standardized as to form in business, the difference between social and business forms, the heading, the introductory address, the salutation, the body, the complimentary close, the signature, the outside address, the return address, the proper folding and enclosing of business letters, two-page letters, window envelopes, basic display and arrangement.

j-h-c-a 11 minutes \$1.25

ELECTRICAL WORKER, THE (VGF)

A very recent vocational guidance release showing the training necessary for work in the field of electricity.

h-c 10 minutes \$1.25

ELECTROCHEMISTRY (EB)

Portrays the electrolytic decomposition of hydrogen chloride and the production of electric current from the action of chlorine and hydrogen on platinum. An explanation of the storage battery integrates both processes. Electro-plating illustrates participation of electrodes; electrorefining illustrates preferential discharge; and electrolysis of sodium chloride to yield caustic soda illustrates participation of the solvent. The production of aluminum from a molten electrolyte concludes the subject.

j-h-c 11 minutes \$1.25

ELECTRODYNAMICS (EB)

In this film direct photography demonstrates cause and effect, while animation explains the fundamental principles of current electricity and electro-magnetism. Among the concepts presented are: Galvani's discovery of current electricity; magnetic field about a current-carrying wire; magnetic field of a coil; electro-magnets; Rowland's experiment; magnetic hypothesis; recalcence; induction by a magnet; A. C. generator; D. C. generator; induction by an electric current; and transformers.

j-h-c 11 minutes \$1.25

ELECTRO-MAGNETS (YA)

A sequel to the films Magnets and Flow of Electricity, this film introduces the concept of electro-magnetism and shows how and why an electro-magnet works as it does. Made especially for science instruction at the elementary school level.

i-j-h 11 minutes \$1.25

ELECTRON, THE (USOE)

Illustrates the nature of an electron, electron flow and types, magnetic fields, and induced electron flow.

j-h-c 20 minutes \$1.25



OTHELLO

A skillfully developed version of the famous play by Shakespeare.

44 MINUTES RUNNING TIME

\$4.00 PER WEEK

ELECTRONS (EB)

By means of various photographic techniques, including animation, the hypothesis that electricity consists of unit elementary charges is supported by observation of phenomena associated with the conduction of electricity in liquids, gases, and vacuums. The conclusion drawn is that the fundamental unit of an electrical charge is the electron.

j-h-c 11 minutes \$1.25

ELECTROSTATICS (EB)

Deals with static electricity as fundamental to an understanding of the modern theories of electricity. It explains how positive and negative electrification are produced and by animated drawings shows the part played by insulators and conductors. Natural photography supplemented by animation gives a remarkable exposition of the movement of charges in the electroscope, the Compton electrometer, the static machine, and Nature's display of static electricity, lightning.

j-h-c 11 minutes \$1.25

ELEMENTARY BOOKBINDING (GAF)

Produced at Universal School of Handicrafts, Rockefeller Center, New York. A number of books with attractive bindings are seen first. Paper, vellum, buckram, linen and leather samples are shown. Paper for the cover of the book we now see made is decorated by finger painting. It is then laid aside to dry for use later. Sheets of wrapping paper, folded, form the sections or body of the book. After folding, the sections or body of the book are placed between boards and clamped. We see the sewing in and out thru kerfs and inserting of tapes, and the gluing of super or gauge and a strip of firm paper to back of book. A strip of binders' vellum is marked and pasted to the board. Covers are pasted to the board and are rubbed on thoroughly to avoid air blisters. The cover paper is rubbed gently but firmly in place. End sheets are pasted and book is inserted in its covers.

j-h-c 11 minutes \$1.25

ELEMENTARY ELECTRICITY (AMPERES, VOLTS AND OHMS) (UW)

Amperes, volts, and ohms; their interrelationship and measurement by instruments.

i-j-h-c-a 8 minutes \$1.25

ELEMENTARY ELECTRICITY (CURRENT AND ELECTROMOTIVE FORCE) (UW)

Explains the electron theory, discussing at length the arrangement of molecules, the building up of current, conductors, electromotive force, and resistance.

i-j-h-c-a 10 minutes \$1.25

ELEMENTARY MANUAL TRAINING (GF)

Produced at the Universal School of Handicrafts, Rockefeller Center, New York. A gift box is displayed, and then a table is seen covered with various samples of this sort of work. The working plan indicates lumber or stock required. The instructor selects various tools and shows the plans to a small boy. The youngster proceeds to measure, saw and plane the various pieces needed. He glues and nails them together. He carves with a veining tool, attaches cleats to the cover and sandpapers the box. He applies a stain and attaches leather hinges. He traces a ship design onto a piece of wood, cuts it out with a coping saw and glues it to the top of the box.

j-h-c 11 minutes \$1.25

ELEMENTARY OPERATIONS OF ENGINE LATHE, THE (EB)

This skillfully prepared sound film provides invaluable help in teaching shop practice. The commentator explains each step fully and clearly. Exact alignment of the lathe, detailed procedures in facing, straight turning, and squaring a shoulder, working accurately to dimensions from a drawing, characteristics of principal cutting tools, and use of micrometers are shown.

h-c 10 minutes \$1.25

ELEMENTS OF DESIGN: COMPOSITION (YA)

Discusses composition as one of the basic elements of design, and its function in the art and industry of everyday life.

j-h-c-a 11 minutes \$1.25

ELEMENTS OF DESIGN: LIGHT AND SHADE (YA)

Discusses light and shade as one of the basic elements of design, and its function in the art and industry of everyday life.

j-h-c-a 11 minutes \$1.25

ELEMENTS OF DESIGN: LINE (YA)

Discusses line as one of the basic elements of design, and its function in the art and industry of everyday life. It shows the effects achieved by use of straight lines, curved lines, S-shaped lines, circles, and their various combinations.

j-h-c-a 11 minutes \$1.25

ELEMENTS OF DESIGN: SHAPE (YA)

Discusses shape as one of the basic elements of design, and its function in the art and industry of everyday life. Shows the effects achieved by use of circles, squares, rectangles, triangles, and their various combinations.

j-h-c-a 11 minutes \$1.25

ELEMENTS OF ELECTRICAL CIRCUITS (EB)

Animated drawings are extensively used to develop the nature of electric currents and circuits. Electronic motion is clearly demonstrated, as well as the principles underlying conductors, insulators, and the factors affecting resistance.

j-h 11 minutes \$1.25

ELEPHANTS (EB)

Photographed on an animal training farm, this film depicts general characteristics of elephants. Attention is given to their physical features, food, methods of eating, drinking and cleansing themselves. A full-grown elephant is put through a series of tests for a circus buyer who engages the trainer to condition two young elephants. These are shown learning to stand on their front and hind legs, sit on barrels, walk a plank, ring a bell, and obey other commands.

p-i-j 11 minutes \$1.25

ELI WHITNEY (EB)

Life story of the inventor of the cotton gin. Relates incidents which call attention to his dreams and faith in his ideas. Portrays him developing the machine which boomed the economy of the South. Describes the experiments in designing tools and building machinery for the manufacture of muskets, which became the technical basis for mass production.

j-h-a 22 minutes \$2.00

EMANUEL FEUERMANN, CELLIST (UW)

Feuermann made his debut at 11, was teaching the 'cello at 17 at Cologne University. Successful American and world tours followed his debut with the Philharmonic Symphony of New York. He plays: "Rondo, Opus 94" by Anton Dvorak; "Spinning Song" by David Popper.

i-j-h-c 10 minutes \$1.25

EMERGENCE OF PERSONALITY (EB)

A combined forum version of the three films in the personality development series: Baby Meets His Parents, Helping the Child to Face the Don'ts, Helping the Child to Accept the Do's, (for description see individual titles). Explains how the developing personality of the child is influenced by the manner in which his parents provide for his basic needs and prepare him for social living.

h-c-a 33 minutes \$3.00

EMOTIONAL HEALTH (McGH)

This film has three primary objectives: (1) to convince young people of college age that emotional upsets are common; (2) to show that if a disturbance of this kind is prolonged, the need for professional counsel and care is just as important and normal as with any physical illness; and (3) to explain in simplified language some of the basic techniques of psychiatric treatment and thereby allay some of the stigma attached to the necessity for this treatment. For other titles in this series see Body Care and Grooming.

c 20 minutes \$2.00

ENCHANTED RIVER, THE (ASF)

Goes back to Aesop to the two woodcutters, one a cunning schemer; the other simple and honest. Their meeting of a water nymph is portrayed in woodland scenes. The nymph performs magic as she punishes the thieving woodcutter and rewards the honest one.

p-i 11 minutes \$1.25

ENDOCRINE GLANDS (EB)

Animated and other special photography in this film describe the nature and function of the parathyroid, pituitary pancreas, and thyroid glands. Insulin as related to diabetes; hyper and hypothyroidism; and mammary gland stimulation also are treated.

j-h-c 11 minutes \$1.25

ENERGY AND ITS TRANSFORMATION (EB)

Potential, kinetic, and radiant energy, as manifested in mechanical, chemical, and thermal form, are vividly illustrated and explained. The principle of conservation of energy, and the concepts "power" and "work" are demonstrated in experiments. The film closes with a review of present and future sources of energy.

h-c 11 minutes \$1.25

ENERGY IN OUR RIVERS (C)

For centuries the quaint old waterwheel turned a grindstone to sharpen man's tools, a millstone to grind his grain. Today massive dams and hydroelectric plants, backed by huge reservoirs of water, furnish electricity to cities and factories, furnish water that turns miles of desert into rich farmland. The amazing and wonderful story which lies between these two eras is unfolded in detail here.

j-h 10 minutes \$1.25

ENGINEER, THE (VGF)

This is a large field in which many men are employed. The film shows the work being done in the fields of civil, structural, hydraulic, sanitary, mechanical, combustion, machine design, refrigeration, heating and ventilating engineering. Men are shown working in these various branches of the general field, and the narrator explains of what the work consists in the various engineering jobs. Electrical, mining, metallurgical, chemical, are a few more fields which are pictured. The film has many action scenes in these industries showing the students many things they would not be able to see by any other means. Qualifications for work in the field of engineering are covered in detail.

j-h-c 11 minutes \$1.25

ENGLAND: BACKGROUND OF LITERATURE (C)

Takes students to England to show them that storied land as the inspiration for the nation's greatest writers — the London of Chaucer, Dickens, and Browning — the countryside which was so meaningful to Shakespeare, Keats, Wordsworth, and Kipling — and the sea, as Coleridge, Conrad, and Masfield wrote of it.

j-h-c 11 minutes \$1.25

ENGLISH CHILDREN (EB)

The film portrays typical events in the daily life of an English city family. Particular emphasis is laid on activities of the children. American youngsters will enjoy observing English children at school, at play, at home, and on a holiday trip to a seaside town.

p-i 11 minutes \$1.25

ENGLISH INFLUENCES IN THE UNITED STATES (C)

Our American heritage is the gift of many people. But among the strongest influences that have molded our way of life are those that have come from England. Film traces some of the basic influences: the idea of democratic action, the body of law, freedom of speech and press, religious tolerance, language and literature, art forms and styles.

i-j-h-a 11 minutes \$1.25

EROSION (UW)

The story of man-made soil erosion and what it has done to our productive land. Distinguishes between natural erosion and man-made erosion. Depicts sheet and gully erosion by water and sheet erosion by wind and explains the destructive effects of each. Ends by showing that destructive erosion is not necessary if conservation farming methods are used.

i-j-h-a 6 minutes \$1.25

EROSION BY WIND AND WATER (EP)

Contents: Flowing river; Plunging waterfalls; Caverns; River emptying into sea; Cave of the Winds; Stalagmites and Stalactites; William Canyon; Falls of South Cheyenne Canyon; Animated diagram showing erosion; Canyon Creek; Wheeler National Monument; Stone spires; Rock formation resembling cathedral; Temple of the Gods; Valley; Temple of Sinawava; Virgin River; Floor of the valley; Eye-hole formation; Curious rock formations.

j-h-c 9 minutes \$1.25

ESKIMO CHILDREN (EB)

Representative activities of an Eskimo family living on Nunivak Island, off the Alaskan coast, are portrayed. As parts of the film story center around the children, the following are depicted: Eskimo solution to the problems of food, shelter, clothing, and transportation; tasks of the parents and children; handicraft arts; forms of recreation, and traditional manners and customs.

i-j-h-c 11 minutes \$1.25

ESKIMO HUNTERS — NORTHWESTERN ALASKA (UW)

In this vivid film, we learn how people live in regions where the weather is always cold, chiefly by fishing, trapping, and hunting. We live with an Eskimo family in northern Alaska where life is conditioned by this low temperature, even in summertime. Eskimos are hunters, fishermen and trappers. Shelters in winter are stone houses. While on hunting trips of a day or more, ice houses are built.

i-j-h 22 minutes \$2.00

ESKIMO SUMMER (IFB, Color)

Depicts the search for food and shows some of the useful or decorative articles made with skins and bones of bear and seal.

i-j-h-c-a 17 minutes \$3.00

ESKIMOS (WINTER IN WESTERN ALASKA) (EB, Color)

Shows the day-to-day life of an Eskimo family and how they win their bare living through the cold Arctic winter. Depicts Eskimo methods of fishing, ways

of dress, daily activities, seal hunting, Eskimo schools and an authentic Eskimo dance.

i-j 11 minutes \$2.25

ETHER FOR ANESTHESIA (MCC)

Ether today is rigidly tested for stability and strength, in marked contrast to the days when ether was first manufactured for use in surgical operations. Film shows the history of distillation of ether. Also shown is the modern manufacturing process.

j-h-c-a 18 minutes \$2.00

EUROPE LOOKS AHEAD (AFF)

The progress that Western Europe is making toward economic recovery with the help of the Marshall Plan and the challenges which lie ahead — increasing productivity, greater economic cooperation, and integration.

h-c-a 20 minutes \$2.00

EUROPEAN CORN BORER (USDA, Color)

An insect pest, the European corn borer first made its appearance in this country in 1917. With the aid of the close-up camera, we see in interesting detail the life-cycle of the corn borer — from the time the moth lays its eggs, through the period when the eggs hatch to emit the borers which must feed on corn leaves and stalks to survive. The film discusses control measures, tells the farmer how to recognize and where to find the insect eggs, and the best times to use insecticides.

h-c 11 minutes \$2.25

EVERY MINUTE COUNTS (USOE)

A supervisor becomes worried because of absenteeism and tardiness in his department. His superintendent points out many of the causes, and the supervisor takes steps to remedy them.

h-c 10 minutes \$1.25

EVERYDAY COURTESY (C)

Through this film students learn that everyday courtesy is more than mere custom in our society. They learn that in the final analysis, the customary formalities of courtesy consist of very simple things — the friendliness, the thought of other people, the display of respect that makes each individual's life pleasurable and successful.

i-j-h 11 minutes \$1.25

EVERYMAN'S EMPIRE (USDA, Color)

Today, 152 National Forests are owned by the people of the United States. These forests contain almost one-third of the nation's remaining timber. Here also are vast storehouses of water from which many towns and cities receive their entire water supply;

here are grasslands that provide range for the cattle and sheep of the livestock grower. Here, too, are food and cover for wild animals and birds, streams for fish, and recreation areas for generations of Americans.

general 20 minutes \$3.00

EVERYWHERE IN THE WORLD (NFBC)

This moving presentation opens with President Roosevelt's speech demanding the four essential freedoms — freedom of speech, freedom of worship, freedom from want and freedom from fear — "everywhere in the world." The film then vividly portrays the fight which the younger nations of the world — the British Dominions and the United States of America — are making to preserve these four freedoms, both in providing material aid and in fighting on front lines many thousands of miles from their own frontiers.

i-j-h-c 16 minutes \$2.00

EVOLUTION OF MOTION PICTURES (UW)

Traces history from Egyptian shadow pictures through Leonardo da Vinci's camera of mirrors, Kircher's magic lantern, Dr. Roget's theory of persistence of vision, Daguerre's wet plate, Sellar's synthetic motion, Luydrid's instantaneous photographs, Edison's first motion picture machine. There follows a rapid kaleidoscopic viewing of films through the years.

j-h-c-a 31 minutes \$3.00

EVOLUTION OF THE OIL INDUSTRY (USDI)

Was made in cooperation with Consolidated Oil Company. It tells a comprehensive story of the petroleum industry, starting with scenes depicting Biblical episodes in which petroleum pitch or bitumen may have been an important material. The story moves rapidly to the Western hemisphere with scenes of American Indians and, later, white men finding beneficial uses for rock oil.

As the film proceeds, the Drake Well near Titusville, Pennsylvania becomes an actuality and the historical characters of that period are seen in action with the tools they devised. Following this historical pageantry, oil well drilling is followed across prairies, invading cities, and reaching to the waters of the Pacific ocean.

i-j-h-c 40 minutes Handling charge, \$1.00

EXERCISE AND HEALTH (C)

There is much more to exercising than just building muscles. Ernie was in a run-down condition and sick too often. Jean slouched through life, was awkward and too shy. Hal was "all work and no play," and much too irritable. Yet exercise and participation in athletics helped each of them to overcome a particular difficulty. The film shows that the right kind of exercise will go a long way toward making them healthier, happier, and more apt to succeed in any undertaking.

j-h-c 10 minutes \$1.25

EXPANDING WORLD RELATIONSHIPS

(UM, Color)

The development of economic and social interdependence from Jefferson's time to the present is portrayed through animated drawings. Then, in live action and animation the film emphasizes how the complexities of modern industrial society have enlarged the interdependence of men and nations and how invention has simplified various methods of communication. The inference drawn is that isolation no longer exists; consequently, nations must work out ways of settling their differences peacefully.

j-h-c-a 11 minutes \$2.25**EXPLORING SPACE**

(TFC, Restricted to Classroom Use)

Photographed in the Hayden Planetarium of the American Museum of Natural History, takes the audience on a trip through space with close-ups of the moon, Venus, the sun, Mars, and the Milky Way. The picture concludes with excellent shots of the eclipse of the sun showing Bailey's Beads and the Corona.

i-j 9 minutes \$1.25**EXPLORING THE UNIVERSE (EB)**

An explanation of refracting and reflecting telescopes introduces this picture on the dynamic aspects of the stars within our galaxy and of the galaxies themselves. Animated drawings are used extensively to portray these phenomena which include: the transformation of the dipper during the next hundred thousand years; binary stars; eclipsing variables; trinary stars; the motion of the stars in the Hyades and the Hercules cluster; apparent star motion due to motion of the solar system; galactic rotation; and finally a portrayal of the theory of the expanding universe.

j-h-c 11 minutes \$1.25**EXPLORING WITH X-RAYS (GE)**

Made for the information and education of the general public, this film is designed to offer to the layman an idea of the scope of the use of X-rays and to inform him in an entertaining manner of its potentialities. The film is not regarded as a demonstration of X-ray procedures in their entirety nor as depicting in detail complete modern radiographic technique. This film was produced with the cooperation and approval of the American College of Radiology.

j-h-c 40 minutes Handling charge, \$1.00**EYES AND THEIR CARE (EB)**

The physiology and hygiene of the eye is treated in detail. Animated drawings clarify structure and function. The film explains learning to judge distance, eye movements, light receptors, field of vision, night blind-

ness, double vision, near- and far-sightedness, infections, and protection of the eyes.

j-h-c 11 minutes \$1.25**EYES FOR TOMORROW (NSPB)**

The picture covers prenatal care and reduction of blindness through proper treatment, shows the care that should be given contagious diseases, such as trachoma, and points out the increased danger of industrial eye hazards, prevalence of glaucoma and various corrections for common defects such as myopia, astigmatism, strabismus, etc. Also stressed is the building of resistance through regular eye examinations, correct diet, and good health habits.

j-h-c 20 minutes \$2.00**F.B.I., THE (FF)**

The 24-hour-a-day vigilance of this vast organization, the techniques and crime detection methods shown at the F.B.I. laboratories, and the rigorous training an agent must undergo at the Academy at Quantico, Virginia, are all documented in this release.

The authentic case of August Baumeyer, reconstructed from F.B.I. files, reveals not only the methods of German agents in the U.S. during the war, but also the striking effectiveness of counterespionage by the F.B.I.

j-h-c 17 minutes \$2.00**F. D. R. (UW)**

Newsreel highlights of Franklin D. Roosevelt's life.

h-c 20 minutes \$2.00**FACE BEHIND THE MASK, THE**

(TFC, Restricted to Classroom Use)

The story of a mysterious man who spent his life in prison at the order of Louis XIV.

The king's power was absolute and there was no recourse for the prisoner who, masked in velvet and blindfolded, was rowed to the island fortress of Ste. Marguerite. A metal mask, cunningly made, was placed over his head.

Forty years later, the prisoner was removed to the Bastille where he died. Many books theorizing as to his identity have been written. There seem to be three probable solutions.

One, that he was Count Matoli, an Italian who sold France secret information, but resold it to Spain and Venice. Or that he might be Forquet, treasurer of France and richest man in the world, who sought the aid of the king's mistress in a try for more power. Or, finally, that Louis XIV did have a twin, as rumor claimed, and that the twin was imprisoned so that the king's power could not be threatened.

The narrator closes the story with the comment that this man has become the symbol of millions of persons

seized and imprisoned without trials; that his fate was pointed to by later generations in their fight for trial by jury.

i-j-h 11 minutes \$1.25

FACE PLANING UNEVEN SURFACES (UW)

Surfacing of wide stock on one side; using a pusher; making and using a feather board; and using a backing block for facing thin stock.

h-a 13 minutes \$2.00

FACING, TURNING, BORING, GROOVING, CHAMFERING ON A VERTICAL TURRET LATHE USING TWO HEADS (USOE)

Shows the operations and procedures followed when tooling up a vertical turret lathe for operations requiring the simultaneous use of both vertical and side heads. A semi-finished magnesium casting is secured to the table in a special fixture. An indicator is used to check the setting in the fixture. The vertical and side heads are shown in operation. Animation explains the "flush-pin gage" used to check the height of the shoulder. The use and shape of the chamfering tools are explained. The necessity for caution in working with magnesium is emphasized.

h-c 33 minutes \$3.00

FACTORIES, MINES AND WATERWAYS — INDUSTRIAL WESTERN EUROPE (UW)

Heavy industry tends to develop in areas which have easy access to sources of raw materials, labor supply and markets. Alsace-Lorraine is one of the most highly industrialized regions of the world. Abundant coal deposits and nearby iron mines are linked by railroads and waterways with manufacturing cities and seaports. This film accompanies the captain of a coal barge on his trip from Strasbourg to Pont-a-Mousson, on the Rhine-Marne Canal. Not only does the student gain an insight into the daily life of a barge family aboard their water-borne home, but the film shows clearly why this part of Western Europe has become the industrial heart of the continent. The railroads which run alongside the canals, loading and unloading activities at inland ports, the concentration of industrial sites, and sequences on iron mining, steel making and pottery manufacturing all illustrate the basic geographic concept of this film.

j-h-c 22 minutes \$2.00

FACTORY SAFETY (JH)

In this motion picture safety methods in the factory of today are clearly and dramatically shown. Workers learn plant safety regulation and are constantly reminded that they should be careful. We see how the arrangement of machinery, protective devices on machines, and the carefulness of men at work prevent accidents.

h-c-a 11 minutes \$1.25

FACTS ABOUT FILMS (IFB)

A film for in-service training of teachers and projectionists. A "must" for everybody using projection equipment.

j-h-c-a 10 minutes \$1.25

FACTS ABOUT PROJECTION (IFB)

Explains that a projectionist must run over a check list of necessary precautions in advance of scheduled showings. Shows attention given to the kind and source of power, light control and ventilation, position of screen, setting up of projector and speaker, check on dust in aperture, volume and tone control, and other details.

h-c-a 11 minutes \$1.25

FALLEN EAGLE (AS, Color)

Three times in history United States armies have been annihilated by their enemies. Each time those enemies were the Sioux Indians. The film gives an account of the Sioux heritage and culture, and a view of their present life in South Dakota.

j-h-c-a 20 minutes \$1.00

FALLING WATERS OF YOSEMITE (GDH)

Nowhere else on earth can such a glorious array of waterfalls, such as The Waterfalls, Vernal, Nevada, Yosemite, Ribbon, Cascade and Illilouette, be found in such a concentrated area. Each of the falls mentioned above is shown in this film.

general 11 minutes \$1.25

FAMILIES FIRST (NYSYC)

The film, which is documentary and contrasting, is a recording of human interest in the everyday affairs of America's most important social unit—the family. Throughout the production, the family is in evidence as the major influence—for good or for bad—in the character growth of the child. A dual sequence in the forming of family patterns—the sharing and the non-sharing—results in situations arousing amusement, sympathy, and concern.

h-c-a 20 minutes \$2.00

FAMILY — AN APPROACH TO PEACE, THE (MOT)

Contrasts the popular conception of foreign lands with life as it actually is around the globe. Through scenes of everyday life everywhere the similarity of the fears and the aspirations of all people is forcefully set forth.

h-c-a 17 minutes \$2.00

FAMILY CIRCLES (McGH)

Demonstrates how wholehearted cooperation between the school and home and an equal division of responsibility will go a long way toward providing the

kind of emotional and physical climate in which a child can grow to successful maturity. Challenges parents and teachers with the necessity for mutual undertaking in which each supports and encourages the work of the other.

c-a 31 minutes \$3.00

FAMILY LIFE (C)

"Gee, how *do* they do it? There go the Millers again, off for another day at Crystal Lake!" These teenage onlookers are understandably envious. But it wasn't always this way with the Miller family. Here we see them as they once were—disorganized, hard pressed—and we see how, through proper home management of schedules, responsibilities, privileges, and finances, they begin to enjoy life as they should. The film creates an awareness of the happiness to be gained from a well-managed home and outlines a program for achieving it.

j-h-c 10 minutes \$1.25

FAMILY LIFE: CHANCE DATE

(TFC, Restricted to Classroom Use)

Deals with a subject much discussed during the past war—the pick up. In this case the chance meeting turns out very well because of the character of the persons involved. Opens up an opportunity for mature class discussion of casual meetings with strangers—how they might or might not be good.

h-c 10 minutes \$1.25

FAMILY LIFE: DAD'S WISH

(TFC, Restricted to Classroom Use)

Selma's father wants a new barn. Selma wants him to have it, and can't understand why her mother doesn't seem to want him to. Her mother explains to her that he works very hard now, and extra debt would be bad for him; she is afraid that he will have to work too hard to pay for it.

general 6 minutes \$1.25

FAMILY LIFE: EARNING AND GIVING

(TFC, Restricted to Classroom Use)

Tender story of how one family shares with each other. A little girl, who has earned five dollars by helping to dig potatoes, spends the money on Christmas presents for her mother and father.

general 7 minutes \$1.25

FAMILY LIFE: GANG RAIDS THE ORCHARD

(TFC, Restricted to Classroom Use)

A gang of boys plans a raid on an apricot tree, although it is too early for the fruit to be ripe. The old man who owns the tree sees them slipping in. He realizes that if he doesn't act angry and threatening, most of the fun will be gone from stealing the

apricots. So he goes to the edge of the porch and yells crossly at them—thereby making the raid an exciting adventure for the boys.

general 11 minutes \$1.25

FAMILY LIFE: GIFT FROM DAD

(TFC, Restricted to Classroom Use)

A little girl accidentally kills a squirrel when she throws a rock at it. She feels very badly about it and tells her father when she gets home. He makes her a present of a brand new baby calf. Film is adapted from the feature, "Our Vines Have Tender Grapes."

general 10 minutes \$1.25

FAMILY LIFE: HOMER AND THE KID

BROTHER (TFC, Restricted to Classroom Use)

Shows close relationship between a boy and his younger brother. Kid brother asks questions about everything under the sun and goes downtown to the library with a friend of his. When the friend has to go home, an incident frightens the kid brother—but his big brother, working in the telegraph office across the street, is there to take care of him.

general 8 minutes \$1.25

FAMILY LIFE: HOMER STARTS TO WORK

(TFC, Restricted to Classroom Use)

Adapted from the MGM picture, "The Human Comedy." Homer gets a job as a messenger boy in a telegraph office. It is not only a job, it is an introduction to life. He sees all the troubles and joys people have through delivering telegrams to them.

general 10 minutes \$1.25

FAMILY LIFE: OF SKATES AND ELEPHANTS

(TFC, Restricted to Classroom Use)

A little girl has received a birthday gift from her father—a pair of skates. As a punishment for being selfish with them, she has to give them to her friend. Her father, to show her that he loves her even though he has punished her, takes her to town where the circus is passing through. He gives his last five dollars to the elephant trainer to unload the elephant, in order to give the little girl a ride.

general 15 minutes \$2.00

FAMILY OUTING (NFBC, Color)

The Canadian National Parks offer great opportunities for outdoor living. In this film, a family has taken advantage of the scenic beauty and open setting of Banff National park for a pleasant few days spent away from the noise and crowded atmosphere of city life. Within this great expanse of Nature at its finest, the Canadian government has provided activities to make the tourist's stay there an active and interesting one.

general 15 minutes Handling charge, \$1.00

Mental Health

FEELING OF HOSTILITY
EMOTIONAL HEALTH
IMPROVING YOUR PERSONALITY
FEELING OF DEPENDENCE
FEELING OF REJECTION
OVERDEPENDENCY



FAMOUS FISH I HAVE MET (NFBC, Color)

Gregory Clark and Pete McGillen discuss some of Canada's noted sporting fish—pike, bass, speckled trout, coho salmon, Atlantic salmon, giant tuna. At a sportsman's show, the camera discovers Greg Clark happily dazed by the various displays. But when he finds the fishing section he really comes into his own, and convinces Pete McGillen, a confirmed hunter, of the joys of angling. Shows musky and pike drawn from northern lakes; small mouth bass; speckled trout caught against a background of Rocky Mountains; coho salmon and Atlantic salmon; huge tuna which rival the grizzly bear in size and sport. Well, who wouldn't want to go fishing?

general 11 minutes Handling charge, \$1.00

FAMOUS RIVER HOMES OF COLONIAL VIRGINIA (VCD, Color)

The finest homes in Virginia were built along the great tidal rivers which were the main highways in the early colonial period. Both exterior and interior features of twenty-eight of the earliest mansions are shown.

h-c-a 30 minutes \$4.00

FAR WESTERN STATES, THE (EB)

Describes the economy of the states of Washington, Oregon, California and Nevada, including a brief historical résumé of progress made in the use of re-

sources in this great region. Sectional contrasts, with respect to climate, topography, people and population densities, are shown. Representative mining, lumbering and agricultural activities are portrayed. The flow of goods exchanged with other sections of the nation is depicted by means of vivid, animated drawings.

j-h-c 11 minutes \$1.25

FARM ANIMALS (EB)

The care and activities of farm animals are presented in this film. Natural sounds are included. The film treats such subjects as feeding and milking cows, feeding calves, newborn calf, feeding horses, watering horses, colt feeding, feeding pigs, currying and harnessing horses, cows drinking and grazing in pasture, goat and kids feeding, sheep grazing, lambs feeding, and sheep shearing.

p-i 11 minutes \$1.25

FARM LIFE IN WARTIME (PSCNI, Color)

The farming regions in northern Illinois are presented in this kodachrome film. Divided into the cattle section, the dairy section, the truck garden section, the poultry section, the youth section, and the ideas section, this film visits different farms in the northern Illinois area telling of the modern ways in which the inventive farmer and his family meet the wartime demand for food for the home and battle fronts.

j-h-c 33 minutes Handling charge, \$1.00

FARM SEWAGE DISPOSAL SYSTEM (UNE, Color)

Steps necessary in installing a sewage disposal system—setting forms for septic tank, pouring concrete, making cover slabs, removing forms, installing disposal field, placing baffle boards, etc.

h-c-a 11 minutes \$2.25

FARM TRACTOR CARE (STO, Color)

A series of practical field scenes showing the most efficient methods of tractor care. It contains many timely tips that simplify the job of good maintenance. The film dramatizes the important daily services needed to enable an operator to obtain maximum power and long life at minimum cost.

general 32 minutes \$4.00

FARM TRACTOR SAFETY (API, Color)

How to prevent accidents on tractors. Highway hazards, tipping dangers, fire, power-take-off accidents, etc., are shown.

i-j-h-c-a 18 minutes \$3.00

FARMER-FISHERMEN — NORWAY (UW)

Here there is the sea and its wealth; there is the rugged, mountainous land with arable areas occupying

less of its surface than lakes and other bodies of water. It is these physiographic aspects of Norway which are at once apparent when the picture begins, with its focus sharpened upon a typical farmer-fisherman coming in from the sea. You live with the family of this fisherman, hear them talk, listen to their music, and observe that their manner of life is born of environment.

j-h-c 20 minutes \$2.00

FARMERS AT WAR (OWI)

The war production program of the farmers of America is illustrated in this film. It shows how the farmers of Lancaster County, Pennsylvania, manage by working longer hours and cooperating with their neighbors to meet the need for the greatest output of farm products at a time when there is a serious labor and tool shortage.

h-c 11 minutes \$1.25

FARMERS OF INDIA — MIDDLE GANGES VALLEY (UW)

In this film lesson the principle that "life in densely populated, undeveloped lands is marked by great poverty, crowded living conditions, and often famine and disease," is vividly developed. We see that although India is a land of natural riches, most of her people live in great poverty. They have little to wear, too little to eat, and suffer from disease and famine. The common farmer has only a few crude tools with which to work. Overcrowded conditions of living are a marked characteristic of much of the country.

j-h-c 22 minutes \$2.00

FARMERS OF JAPAN (USDA)

No easy life is that of the Japanese farmer. He farms pretty much in the manner his father did and his father before him, using the same primitive tools and getting from the land not much more than a bare subsistence. The film documents the activities of one such farmer — his work and way of life.

i-j-h-c 20 minutes \$2.00

FARMERS OF THE ANDES (HFE)

A splendid record of the way in which farming is still carried on in remote parts of the world. It describes the farmers' living conditions, their principal grain crops, their primitive methods of threshing and winnowing, and the way in which they meet the problem of high altitude.

j-h-c 11 minutes \$1.25

FARMS AND TOWNS OF SLOVAKIA — DANUBE RIVER (UW)

Here we study people who, living within a mountainous land relatively remote from the highways of communications, have maintained conservative tra-

ditions. Isolated from the main currents of Central European life, their standard of farming and industrial practices are relatively poor. However, we see that where highways are being developed, and isolation is breaking down, changes are taking place in the traditional ways of life of these Slavic peasants.

j-h-a 22 minutes \$2.00

FEARS OF CHILDREN (IFB)

A parent-child situation is presented in which the mother tends to coddle her five year old son while the father advocates sterner discipline and encouraging the child to do things for himself. The resulting conflict confuses the boy and magnifies his rudimentary fears. Through the advice of a friend the parents make a greater effort to understand the situation and a happy solution is indicated at the end of the film.

c-a 30 minutes \$3.00

FEDERAL GOVERNMENT, THE (THE PLAN OF ORGANIZATION) (C)

Structure and functions of the federal government are presented here in a manner designed to give audiences a clear-cut picture of the government and an appreciation of its operation. Outlined are the primary divisions of responsibility in the government — legislative, executive, and judicial. The reasons for this division and the problems that arise from the many quasi-legislative and quasi-judicial boards and agencies are also shown. The importance of understanding these things to the maintenance of good, efficient, responsive government is stressed throughout the film discussion.

j-s-a 14 minutes \$2.00

FEDERAL RESERVE SYSTEM (EB)

Graphically explains the purpose and functions of the Federal Reserve System. Shows how the System, growing naturally out of a national need, was devised to meet certain economic conditions. Covers the period from the money panic of 1907 through World War II, emphasizing historical high spots in the System's development as well as important contributions made by several national leaders.

h-c-a 15 minutes \$2.00

FEDERAL TAXATION (C)

In discussing taxes with their parents, two children learn the answers to questions which every citizen should study. They learn the constitutional and statutory basis for federal taxation, the need for taxation, various bases for determining the extent of taxation of each individual or group, and finally, the ways in which our tax dollar is used.

j-h-c 11 minutes \$1.25

FEEDING FARM ANIMALS (USDA)

Shows the basic principles of feeding farm animals. Correct feeding depends upon the work an animal is to do or the product he is to furnish.

h-c 18 minutes \$2.00

FEELING LEFT OUT (Social Maturity) (C)

The intense desire of every boy and girl to "belong" and to achieve a feeling of importance among his or her friends is often thwarted and unsuccessful, and, therefore, results in the common feeling of "being left out." This film is aimed at developing sympathy and understanding for the socially isolated and offering suggestions for overcoming this condition.

h-c-a 13 minutes \$2.00

FEELING OF HOSTILITY, THE (NFBC)

Dramatizes the factors producing resentment and hostility in personal relationships. Death of one parent, resulting in over-dependence on the remaining parent, and the latter's remarriage discourage the child, Clare, in giving love and seeking affectional relationships with others. Fearful of further hurt in such efforts, and finding some satisfaction in others' approval due to intellectual ability, it becomes very important to Clare to excel, to beat all comers.

c 32 minutes \$3.00

FEELING OF REJECTION (NFBC)

A visual case history of a neurotic 23 year old girl. She suffers from physical symptoms, such as headaches, extreme fatigue, dizzy spells. As no physical causes can be found for these symptoms, which none the less are very real and distressing to the patient, she is referred by her doctor to a psychiatrist who is able to uncover the emotional basis for these physical reactions.

c 20 minutes \$2.00

FEELINGS OF DEPRESSION (NFBC)

Shows how John Murray, outwardly a self-sacrificing man who has devoted himself to furthering his brother's career, has carried a buried resentment and jealousy of his brother since childhood. When his business failure coincides with his brother's success, he again experiences the old smoldering jealousy, the feeling that his own ambitions have been cheated. His struggle with his conscience manifests itself in fits of wretched despondency when he feels he does not deserve the love and esteem of his wife and associates. Film points out that John's case is not an isolated one; he may recover spontaneously, or, through psychiatric treatment, he can be helped to understand himself fully.

c-a 30 minutes \$3.00

FELTBOARD IN TEACHING, THE (WU, Color)

Suggests use which the classroom teacher may make of the feltboard — also known as the visual board, felt-ogram, flannelgraph, etc.

c-a 9 minutes \$2.25

FIDDLE DE DEE (IFB, Color)

Rhythm in color. To the familiar tune "Listen to the Mocking Bird," thousands of art combinations flow swiftly across the screen in a fantastic color dance of ever changing patterns. Norman McLaren, creator of the film, painted directly on both sides of clear 35 mm. motion picture celluloid by using celluloid dyes, inks and transparent paints. No shooting with any sort of camera was involved. The process is as direct as that of an artist using pigment on canvas or paper and subsequently having it reproduced in color.

general 5 minutes \$2.25

FIELD TRIP (VDE, Color)

Tells the story of how a biology class prepared for, conducted, and followed up on a field trip. The opening scenes show that a variety of materials and experiences aid in the instructional program of classrooms. Objectives and purposes for the trip are established. Shows follow-up activities and reviews principles in the use of any field trip as a learning experience.

c-a 11 minutes \$2.25

FIELD TRIP TO A FISH HATCHERY (C)

A class takes a film field trip to a fish hatchery. They discover the answers to the following questions: Why do we have fish hatcheries? What do they look like? What happens there? How do fish live? You will see fish eggs taken from the female, fertilized, hatched and developed from fry into fingerlings. Important details about the structure of fish and how fish are planted in the streams and lakes are also included. An excellent study in field trip techniques, conservation, biological science and reading background.

i-j 11 minutes \$1.25

FIGHT FOR BETTER SCHOOLS, THE (MOT)

The story of how the citizens of Arlington County, Virginia, raised their schools from among the nation's poorest to among the nation's finest. By showing how the people of Arlington planned and worked to improve their schools, the film tells how other communities can work for a better school system. The struggle to improve education in Arkansas, Delaware and Long Island is also shown.

a 20 minutes \$2.00

FIGHT FOR THE SKIES (OWI)

This is not the story of any particular air battle or air battles but rather the story of the entire strategic

and tactical fight for the freedom of the air in Europe. By dramatic vivid motion picture reporting, it conveys to the audience the sacrifices our fighting men made, the material that was expended, the millions of war bond dollars needed to win the freedom of the air in the Pacific.

h-c 20 minutes \$2.00

FIGHT THAT FIRE (T)

Shows what fire is and how it can be stopped. It gives the fundamental rules of fire precaution and prevention, and explains how to use fire-fighting weapons effectively.

general 10 minutes \$1.25

FILING (JH)

The first part of the picture is devoted to the identification of the various parts of a file, and the various types of commonly used files. This is followed with instructions on the correct positions and movements to be used when filing. The uses of various files are shown and explained. The picture closes with instructions on cleaning and caring for files after they have been used.

j-h-c 22 minutes \$2.00

FILING PROCEDURES IN BUSINESS (C)

By showing a typical central filing system in action, this film bridges the gap between theory and practice. Here students will see a large, efficient filing system functioning as an integral part of a well-run business organization. Through this positive approach to the subject, correct procedures are set firmly in mind.

h-c-a 11 minutes \$1.25

FILM AND YOU (NFBC)

The film touches on the various ways in which films can be used to improve community life. Illustrations of the effect of films are provided with scenes from films on health, safety, home improvement, and others. It also effectively points up the way in which community groups and organizations can cooperate in a film council to assure adequate local facilities for film procurement and use.

general 18 minutes \$2.00

FILM COMMUNIQUE #1 (OWI)

First of a series of monthly pictorial reports made during the war on our war effort. In this issue: civilian war workers rushing completion on military vehicles, troop carrier activity on Wau off New Guinea and finally a reminder that war costs men as well as money.

general 25 minutes \$3.00

FILM COMMUNIQUE #2 (OWI)

Scenes of fighter-bombers mopping up over Sicily and sequences from a bomber flight. Views of high

Nazi officials praising their industrial workers and engineers for their war effort.

general 25 minutes \$3.00

FILM COMMUNIQUE #3 (OWI)

Five parts: LST's putting men ashore under fire in Sicily, a military religious service on Guadalcanal, assembly of U.S. railroad equipment for shipment overseas, P-47's blasting Nazi fighters, and a paratroop attack on Lae, New Guinea.

general 25 minutes \$3.00

FILM COMMUNIQUE #4 (OWI)

A review of bomber attacks in the Pacific, honoring of American Negro troops for a record-breaking rebuilding of the airfield at Munda, Lt. Gen. Clark's landing in Italy.

general 25 minutes \$3.00

FILM COMMUNIQUE #5 (OWI)

The bloody taking of Tarawa is the chief feature of this issue. P-47's in action in Europe, jungle training in Hawaii and an animated feature, "A Few Quick Facts" conclude the issue.

general 20 minutes \$2.00

FILM COMMUNIQUE #6 (OWI)

Vivid scenes from the taking of Cape Gloucester and Arawas on New Britain Island. Piper cubs directing and checking on artillery fire, a B-24 helping rescue a stranded Liberty ship, and the portable fuel lines used to carry vital fuel from Italian ports to the front lines.

general 20 minutes \$2.00

FILM COMMUNIQUE #7 (OWI)

Highlights of the combined operations action in taking the Marshall Islands. Also shows how units isolated by unmapped jungle are supplied by air.

general 20 minutes \$2.00

FILM COMMUNIQUE #8 (OWI)

Some exciting low-level bombing shots, scenes of establishing a beachhead in Italy and the men being attacked by Nazi dive bombers, closing shots show medical care of casualties during battle.

general 20 minutes \$2.00

FILM COMMUNIQUE #9 (OWI)

Return of the B-24, "Blue Streak," Private Snafu in "Fighting Tools," and scenes of Gen. Stillwell's American and Chinese troops battling in Burma.

general 20 minutes \$2.00

FILM COMMUNIQUE #10 (OWI)

Artillery activity in Italy, footage on aerial combat over Nazi-Holland and France, combat scenes from Bougainville.

general 20 minutes \$2.00

FILM COMMUNIQUE #11 (OWI)

Scenes of Task Force 48 in action off Saipan.

general 20 minutes \$2.00

FILM COMMUNIQUE #12 (OWI)

How Nazis made swastika emblem of Germany and tried to make it sign of world. Scenes of 72,000 Chinese laborers handmaking an airfield in China. Ski Guys. Retaking of Guam.

general 20 minutes \$2.00

FILM COMMUNIQUE #13 (OWI)

Mostly scenes from CBI theatre.

general 17 minutes \$2.00

FILM TACTICS (USN)

Dramatic and human-interest demonstration of the consequences of teaching mistakes in the use of a training film, and a convincing portrayal of the correct way to use motion pictures in education.

general 20 minutes \$2.00

FIND THE INFORMATION (C)

By learning how indexes are prepared, students discover how great a collection of information they contain, how they can be easily read, and, moreover, to what extent information is available through indexes in every library.

j-h-c 11 minutes \$1.25

FINDING THE RIGHT JOB (C)

This is a vocational guidance film that gets down to actual facts in the problem of finding a job. Presents job-lead sources, placing emphasis on some of the crucial stages in obtaining a job. It establishes a process of weighing offers in terms of future goals and what the company has to offer.

h-c 10 minutes \$1.25

FINDING YOUR LIFE WORK (VGF)

Opening with an attractive picture of a boy fishing, this film quickly leads up to the fact that experienced fishermen are particular about their baits. In getting a job, the baits required are personality, training and experience.

Then follows in sound and picture a fine discussion of these important points:

1. You must know yourself, your strong points, weaknesses, likes and dislikes.

2. Get a broad view of many vocations.

3. The contributions which the many departments of the school can make to the preparation of the boys and girls for their life work.

4. To perform your life work properly there must be excellent coordination of the mind and body.

5. Like a building, your life must be built on a carefully planned foundation: health, character, general education, citizenship, special interests and abilities, ambition, willingness to work, knowledge of self, special training.

6. Don't believe those who say there are no opportunities any more. Somewhere in this broad land there is a chance for you to make a living and lead a happy life. Americans have always made their opportunities. It's up to you to make yours!

j-h-c 20 minutes \$2.00

FINE ART OF FURNITURE MAKING (DUP)

The step-by-step processes in furniture finishing are shown. Develops appreciation of fine finishes and helps consumer in judgment of finish.

h-c-a 20 minutes \$2.00

FINLANDIA (SF)

Sibelius, himself, at work and at leisure about his home before a musical backdrop of "Finlandia" and his immortal "Second Symphony." Music by the Helsinki Philharmonic Orchestra.

j-h-c-a 10 minutes \$1.25

FIRE (EB)

Describes domestic uses of fire, principles of combustion, nature of fire hazards and principles of fire-extinguishing.

j-h-c 11 minutes \$1.25

FIRE AND POLICE SERVICE (VGF)

Typical examples of the examination requirements, tools and apparatus which must be handled with skill and teamwork expected of a fireman illustrate the first part of the film. Types of police work, the training necessary and opportunities within the field conclude this vocational guidance subject.

h-c 11 minutes \$1.25

FIRE CONTROL (JII)

The film shows graphically, with animated diagrams and actual photography of cutaway engines, how the modern cylinder head has been designed to provide efficient fire control.

The student sees how the spark plug fires in the automobile engine, igniting the gas which forces the piston down in the power stroke. The part played by the cylinder head in controlling the speed with which the gas burns is demonstrated. The shape of the com-

bustion chamber is shown to be designed so that the engine extracts from each bit of gasoline burned all the power for efficient engine performance.

j-h-c 8 minutes \$1.25

FIRE PREVENTION (In the Home) (EB)

Employs a story treatment to teach awareness of important aspects of fire prevention in the home. Demonstrates the proper use of matches and of a fire extinguisher. Illustrates investigation of electric outlets and points out common danger spots in attics and basements. Stresses the desirability of making fire prevention a family matter.

p-i 14 minutes \$2.00

FIRE WEATHER (USDC)

Shows how the U. S. Weather Bureau gathers forest fire weather data and distributes warnings of fire hazards.

j-h-c 20 minutes Handling charge, \$1.00

FIREMAN (TOM, Color)

How do firemen get upstairs? What kind of clothes do firemen wear? Where do firemen eat and sleep? What goes on in a fire-station all day long? Primary graders posed the questions *Fireman* answers. Here is a picture revealing today's trained fire-fighter as he really is.

p-i 11 minutes \$2.25

FIREMAN, THE (EB)

Portrays in detail the organization and activities of a company of firemen in a modern city. Care of equipment, drills, testing of trucks, hose ladders and life-saving devices are shown in typical settings. A real fire affords an opportunity to observe the firemen answering the alarm and extinguishing the blaze with the latest type of fire-fighting apparatus.

i-j-h-c 11 minutes \$1.25

FIREPOWER (OWI)

Dramatizes the vital need for all types of guns and ammunition, showing how nations which did not have sufficient firepower fell before the Nazis. Sequences tell how men and women of those nations are now working along with our workers. The film ends with a great demonstration of American weapons.

h-c 11 minutes \$1.25

FIRST AID FOR WOUNDS AND FRACTURES (EB)

This excellent picture focuses attention on the need for first aid knowledge and describes proper procedures in caring for an injured person from the time of injury until medical aid arrives. Methods of applying pressure at different parts of the body for stopping

arterial bleeding are demonstrated. Animated drawings clarify anatomical and physiological features.

j-h-c 11 minutes \$1.25

FIRST AID IN THE PREVENTION OF SHOCK (UW)

Illustrates the importance of rendering first aid following accidents so the patient will not enter into a state of shock.

h-c-a 26 minutes \$3.00

FIRST AID ON THE SPOT (EB)

Features six common types of injuries or disabilities and the American Red Cross approved technique for handling each specified case. Types are: caring of wounds, burns, and shock; splinting, control of bleeding, and administering artificial respiration.

j-h-a 11 minutes \$1.25

FIRST 40 DAYS — KOREA (UW)

Features the role of the U.S. Army in combat during the first 40 days of the Korean crisis. Sequences in the film show troops arriving in Korea and becoming acquainted with the terrain, supplies and equipment being unloaded, G.I.'s digging foxholes, combat scenes of General Walker and General Dean, replacement units and supplies being received, combat action in Taejon, units blowing up bridges behind them to delay the advance of North Korean forces, and the establishment of a line of defense against great odds.

h-c-a 24 minutes \$3.00

FIRST IN THE HEARTS OF FARMERS (AP)

This film is woven around some of the farming experiences of George Washington and the emphasis he placed on plant food in a well-rounded land management program. It brings to life our first president's farming practices and observations. It also takes the technical facts about fertilizer use and soil management and makes them into an interesting, vital story. The film impresses on its viewers the importance of soil fertility to profitable farming operations.

general 20 minutes Handling charge, \$1.00

FIRST IMPRESSIONS (Castle)

Discusses reasons why new employees may not like their jobs and gives some primary steps in giving them a good first impression of their work.

c-a 21 minutes \$2.00

FIRST PRINCIPLES IN GRINDING (CAR)

Illustrates the composition and manufacture of silicon carbide and aluminum oxide grinding wheels. Methods of operation and many uses in grinding procedures in the machine shop are shown.

h-c-a 42 minutes \$4.00

FIRST STEPS (FPS)

Concerned with the training of children crippled by paralysis, in a program designed to help them become normal citizens, useful to themselves and to society. Demonstrates how training and practice in the handling of toys and hobby materials can be transformed into handling of tools and utensils necessary for normal living. Taken in a summer camp for these children, the film ends as a little boy leaves his parents to take his first unaided steps on a crowded city street.

h-c-a 11 minutes \$1.25

FISHING THRILLS (UW)

Is designed for disciples of Isaac Walton. You don't wait for a bite, a thrill or a fish in this exciting film. The camera goes where the gamsters hungrily eye the bait and strike with a flash of silver scales. You hold fast to a bending rod, you give a fighting fish more line, you meet his vicious rushes, you strain to reel him in, you win the battle. You'll know the feel of it, the thrill of it every time you enjoy this great home movie on your own screen.

i-j-h-c 11 minutes \$1.25

FIT AND FAIR (RH)

This film is designed for the teen-age girl, demonstrating the basic rules of health and beauty for that age. The do's and don'ts of posture, poise, diet, and grooming are presented, showing girls and young women how to utilize the routine motions of daily living to develop a sound and beautiful body. It also shows how to select the right foods and how to use make-up with natural effect.

general 20 minutes Handling charge, \$1.00

FIT TO WIN (TFC, Restricted to Classroom Use)

A portrayal of various athletic exercises and activities, all of which are aids to health. A large group of girls on an athletic field swing Indian clubs in unison. Danish athletes illustrate the exercises developed to build strong backs and waists. Naval Academy students perform on the rings, parallel bars, horses, etc. Joe Louis is seen punching the bag and in the training ring. Young thoroughbreds are shown with their forelegs taped in the field. Several boatloads of college crew aspirants are seen in practice spins. A football team practices tackling on dummies, also kicking and passing.

j-h-c 10 minutes \$1.25

FITTING A PATTERN — Sewing (YA)

Explains why standard dress patterns frequently need to be adjusted to the individual, and demonstrates how such alterations are made so as to insure the best possible fit of the garment to the individual.

j-h-c-a 10 minutes \$1.25

FIVE COLORFUL BIRDS (C, Color)

In their natural habitats scenes of goldfinch, cedar waxwing, yellow-headed blackbird, red-headed woodpecker and bluejay.

i-j-c 10 minutes \$1.25

FIVE FILM EXERCISES (Whitney, Color)

An experiment with abstract art on film. An adaptation of the standard optical printer, paper cutouts, pantographs, and color filters supply the image. The sound track is also synthetic and is made mechanically. Thus both image and sound are at the same time infinitely variable and positively controllable, and the technique evolved permits a unified approach to the potentialities of the film medium.

c-a 22 minutes \$3.00

FIXED GAGES (USOE)

Speed, without losing precision, during a period of national defense makes the use of fixed gages more important than ever before. The various types of go-no-go gages are explained and flush pin, taper ring and taper plug gages are all shown in actual use. Animated drawings are used to give the student the proper conception of "tolerance." Throughout the entire film the student is constantly reminded of the importance and necessity of acquiring the correct use and proper care of fixed gages.

h-c 22 minutes \$2.00

FLAG SPEAKS, THE

(TFC, Restricted to Classroom Use, Color)

Represents the flag, symbol of freedom and democracy for hundreds of social and racial divisions of 150 millions of people, and cites significant events in its autobiography. The final sequences are a guide to the correct use of the flag and correct manners of salute, closing with the singing of "America the Beautiful."

i-j-h-c 19 minutes \$3.00

FLAGS ON DUTY (F)

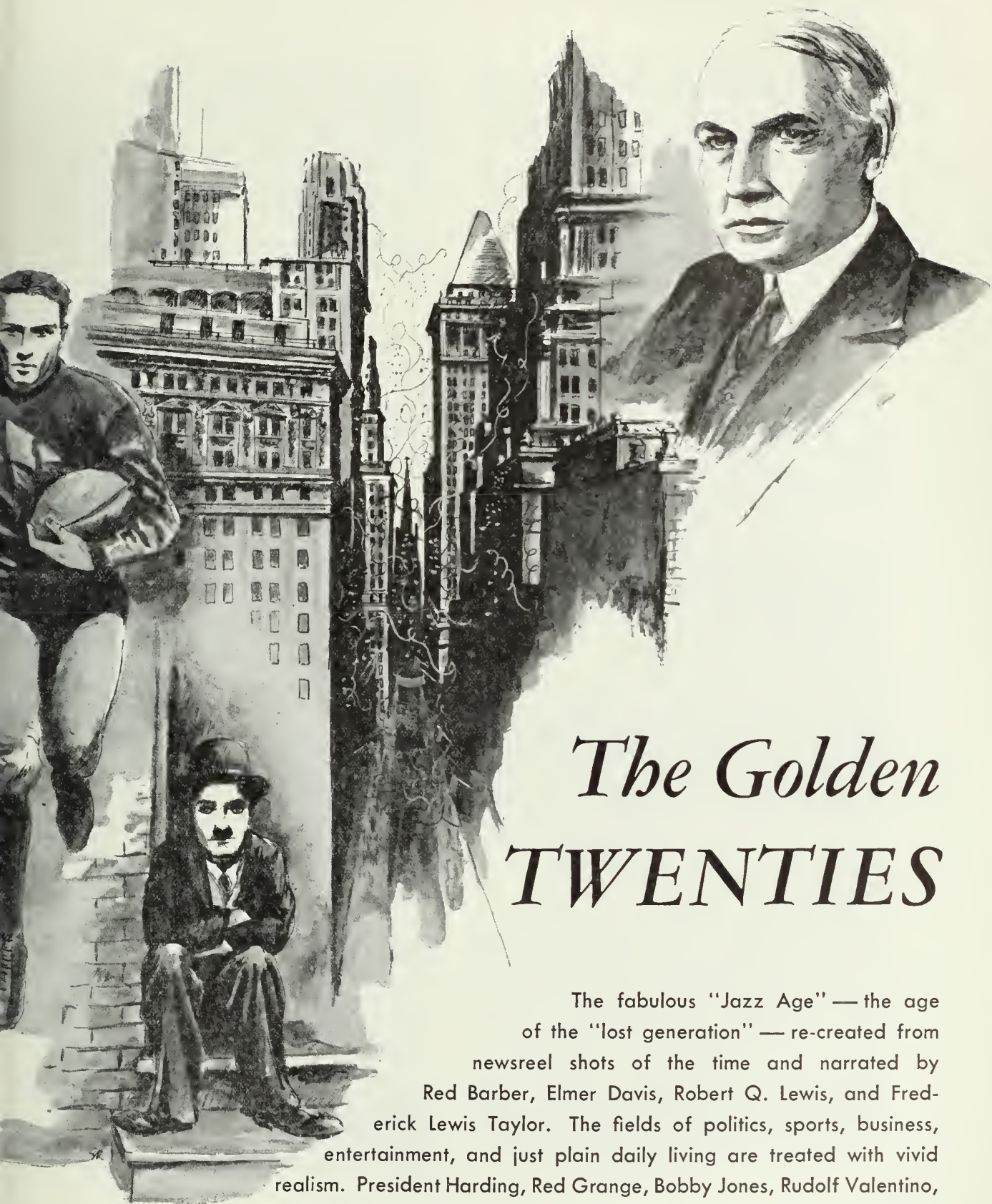
For centuries the flag has been used to serve mankind as a symbol of things dearest to man's heart. A brief historical introduction shows ten of the more important flags of the United States. The upholstery shop where Betsy Ross made her flag and Independence Hall are shown. The English and French ships, at war, are shown with only one spot of color—the flag. The uses of flags for signalling are also shown.

general 11 minutes \$1.25

FLATBOATMEN OF THE FRONTIER (EB)

Reveals how the early settlers of the Ohio Valley were required to be "Farmer Boatmen" through their dependence on the soil for livelihood and on the rivers for transportation. Good frontier personalities, speech, and music are interwoven throughout.

i-j-h 11 minutes \$1.25



The Golden **TWENTIES**

The fabulous "Jazz Age" — the age of the "lost generation" — re-created from newsreel shots of the time and narrated by Red Barber, Elmer Davis, Robert Q. Lewis, and Frederick Lewis Taylor. The fields of politics, sports, business, entertainment, and just plain daily living are treated with vivid realism. President Harding, Red Grange, Bobby Jones, Rudolf Valentino, and Sinclair Lewis are a few of the famous personalities in the film.

FLEET THAT CAME TO STAY (OWI)

Splendid scenes of Navy resistance to Kamikaze attacks.

general 22 minutes \$2.00

FLIGHT OVER THE ARCTIC (AAER)

The geography of "Greenland's Icy Mountains" and the continental ice cap are shown in this film.

i-j 11 minutes \$1.25

FLOOD WEATHER (USDC)

In this film is featured the Potomac and Ohio River floods to show weather forecasting for river navigation and flood protection.

j-h-c 35 minutes Handling charge, \$1.00

FLOORWALKER, THE (BRF)

Presents Charlie Chaplin in slapstick tradition with the action built around a moving staircase in a department store. Charlie's resemblance to the floor-walker begins by both thinking they are looking in the mirror. Shows a hilarious chase down the escalator moving up.

general 20 minutes \$2.00

FLOW OF ELECTRICITY (YA)

Presented in this film, through simple demonstration, are the factors that affect the flow of electricity in a simple circuit and the application of such a circuit in the home.

i-j 10 minutes \$1.25

FLOWERS AT WORK (EB)

The parts and the physiology of plant flowers are artistically presented by animation. Time-lapse photographs, as well as animated diagrams, present various types of flowers and different methods of pollination. The relation of insects to cross-fertilization of flowers is clearly illustrated. The picture closes by showing how man has modified the form of flowers by cultivation.

i-c 11 minutes \$1.25

FLYING A KITE (EB, Color)

The amusing story of the Baxter family on a picnic. After several mishaps, Frank and Jean are successful in getting their kite high into the air. An old billy goat, hungry for a tasty paper kite, charges toward it when it lands in a nearby field. Penny, Frank's dog, saves the day by keeping the goat away and is rewarded with an extra dog biscuit.

p 5 minutes \$2.25

FOOD (YA)

Discusses and illustrates the storing, salting, canning, dehydrating, and freezing methods of food preservation. The reasons for food spoilage are explained in detail.

h-c-a 17 minutes \$2.00

FOOD AND SOIL (USDA, Color)

Attempts to make three points. These are that all the food we eat, with the exception of sea food, comes directly or indirectly from the soil, that this soil, upon which our very existence and way of life depend, is being wasted at an alarming rate and lost forever, and that conservation farming methods which protect and rebuild the soil must be used where needed if our national appetite is to be satisfied and our standards of health maintained. These points are presented in a simple, direct, and pleasing manner.

h-c 11 minutes \$2.25

FOOD, FIBER, AND THE FUTURE (USDA)

Intended to stimulate achievement of immediate goals for increased agricultural production. These goals, however, are related to anticipated needs in food and fiber for at least a generation in the future. Both picture and commentary sketch the importance of good farm management in achieving production goals.

a 13 minutes \$2.00

FOOD FOR FIGHTERS (OWI)

No longer are beans the mainstay of a soldier's diet. Today the science of nutrition has gone to war and under the supervision of scientists and technicians, American soldiers are the best fed army in the world. This film shows how the Quartermaster Corps of the U.S. Army goes about feeding millions of American soldiers.

j-h-c 10 minutes Handling charge, \$1.00

FOOD FOR PARIS MARKETS — FRANCE (UW)

How large cities depend upon productive rural hinterlands to supply them with food is the lesson presented in this film. Paris, the first city of France, is one of the largest four cities on the mainland of Europe. Fortunately it can be reached easily from all parts of the country. And equally fortunate, France has within its borders many areas of fertile land. Hence France can feed the people of Paris and the rest of the country. It is one of the Western European countries which has achieved a large degree of self-sufficiency in food supply.

i-j-h 22 minutes \$2.00

FOOD FOR THOUGHT (USDI, Color)

The school lunch manager is an important member of the faculty. Shows her work in menu planning and serving. Fish is taken as an example of the meat dish in a school lunch. The processing of fillets from the time the fish are caught until they reach the table is shown.

j-h 22 minutes Handling charge, \$1.00

FOOD FROM OUR GARDEN (EB, Color)

Portrays a garden at the time when the vegetables have matured. It reveals the function of roots in anchoring and nourishing plants, and of leaves in producing energy. It explains that various plants have different edible parts, such as fruits, stems, bulbs, and roots.

i-j 11 minutes \$2.25

FOOD STORE (EB)

Jack and Ann help their mother in selecting produce, canned goods and watch a butcher cut a roast.

p-i 10 minutes \$1.25

FOOD THAT BUILDS GOOD HEALTH (C)

Relationship of good health to the foods we eat and what foods our bodies need is stressed in this motion picture. Students will see irritability, lack of energy and physical weakness as just one result of a poor, unbalanced diet based on eating "what they want" rather than what they need. How eating the right foods in the right amounts regularly contributes to building strong, healthy bodies is shown.

i-j-a 11 minutes \$1.25

FOOD: WEAPON IN WAR AND PEACE (YA)

Food is one of man's great needs. He has learned, over the centuries, many ways of preserving it and storing it. While many animals get only what will satisfy their immediate hunger, man stores food against the time when he may need it in the future. Food can make men riot, or it can make men peaceful. Napoleon said "An army travels on its stomach." Food is truly a weapon in war and peace.

j-h-c 11 minutes \$1.25

FOOD — WEAPON OF CONQUEST (EFLA)

Is based on captured German war films, Allied newsreels and original documentary material filmed in Montana, Pennsylvania, Iowa, the Canadian Northwest and Britain. The film shows how extensively our enemies and our allies have applied their knowledge of energy-giving foods to feed the armed forces, why the Western Hemisphere must undertake to feed the whole world during the war, why natural resources must be planned for use and not exploited for markets alone, and how starving people may be forced to submit to regimes that they despise.

j-h-c 20 minutes \$2.00

FOODS AND NUTRITION (EB)

Animated treatments portray normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water. The absorption of sugars by the blood stream and their transformation to glycogen in

the liver, together with the absorption and storage of fats are explained. The metabolism of carbohydrates, fats, and proteins in the body, and the technique of determining the basal metabolism rate are portrayed. Microphotography shows the growth of tissue culture.

j-h-c 11 minutes \$1.25

FOOTBALL BY THE CODE (IHSA)

Transposes the rules of the game from the printed page to motion picture sequences. It is designed to be of service to officials, coaches, and players. It will assist students and fans to acquire a knowledge of the rules of the games and an appreciation of the niceties of "inside information." Available to I.H.S.A. members.

h 30 minutes \$3.00

FOOTBALL PARADE OF 1945 (UW)

Film highlights of Army-Navy, Columbia-Yale, Georgia Tech-Tulane, Notre Dame-Illinois, Washington-So. California, Navy-Notre Dame, Michigan-Ohio State, Indiana-Purdue and Purdue-Ohio State.

general 10 minutes \$1.25

FOOTBALL PARADE OF 1946 (UW)

The most thrilling highlights of a great football season are shown. Included are the Army-Navy, Army-Columbia, Georgia-Alabama, Notre Dame-Iowa, Penn-Navy, Texas-Oklahoma and Illinois-Pittsburgh game.

general 10 minutes \$1.25

FOOTBALL PARADE OF 1947 (UW)

Film highlights of Penn-Columbia, UCLA-Southern California, Syracuse-Penn State, Yale-Harvard, Oklahoma-Georgia, Michigan-Illinois, Notre Dame-Tulane, Army-Navy.

j-h-c 11 minutes \$1.25

FOOTBALL PARADE OF 1948 (UW)

Thrill packed plays and dramatic moments seen from the perfect vantage point as the greatest college teams meet on the gridiron. Here is the best in football.

general 10 minutes \$1.25

FOOTBALL PARADE OF 1949 (Castle)

Highlights of the season's outstanding games.

general 11 minutes \$1.25

FOOTBALL THRILLS OF 1939 (ICS)

Carnegie-Pitt; Northwestern-Oklahoma; Pennsylvania-Michigan; Minnesota-Michigan; Harvard-Princeton; Cornell-Ohio State; Notre Dame-Navy; New York University-Missouri; Yale-Harvard; Army-Navy are the games shown in this movie.

j-h-c 10 minutes \$1.25

FOOTBALL THRILLS OF 1940 (ICS)

Those who have relived yelling pandemonium after a 60-yard run to a touchdown . . . those who have thrilled to sensational passes and trick plays know what this movie has in store for them. Only the crucial meetings of our great elevens and only the stellar plays of these games are selected for review.

j-h-c 10 minutes \$1.25

FOOTBALL THRILLS OF 1941 (ICS)

Highlights of the 1941 gridiron season are brought out in dramatic review: Fordham-Southern Methodist; Duquesne-St. Mary's; Yale-Princeton; Minnesota-Northwestern; Columbia-Princeton; Duke-Georgia Tech; Notre Dame-Navy; Harvard-Yale; Army-Navy.

j-h-c 11 minutes \$1.25

FOOTBALL THRILLS OF 1942 (ICS)

Shows exciting portions from the following football games: Army-Navy, Harvard-Yale, Ohio State-Michigan, Northwestern-Illinois, and many others.

j-h-c 11 minutes \$1.25

FOOTBALL THRILLS OF 1943 (ICS)

The best moments from the big games of the past season are shown in this sports review. Although the film will be of interest to everyone, it is especially useful to football coaches and players. The fine points of good football—smooth playing, good teamwork, and anticipatory action—make this fast moving film particularly valuable.

general 11 minutes \$1.25

FOOTBALL TODAY (IHSA)

Facts and interpretations of the high school game. Available only to I.H.S.A. members.

h 30 minutes \$3.00

FOR HEALTH AND HAPPINESS (USDA)

The picture illustrates the dependence of good growth on nutrition and shows the food groups that make up the diets that have contributed to an all-round development of the child from infancy to maturity.

h-c 11 minutes \$1.25

FOR SOME MUST WATCH (ILI)

In every American community, there is among its leaders a man, or woman, who goes quietly, modestly about the task of making his town, his neighborhood, a better place in which to live, contributing in large measure to the happiness and well being of his fellow men—as does Jack Sutton, life insurance agent in the town pictured in this film.

general 30 minutes Handling charge, \$1.00

FOR YEARS TO COME (CC, Color)

Is a faithful presentation of one farmer's experience in changing over to soil conservation farming. The camera follows the farmer and his family in their activities for one year—from harvest to harvest. The picture shows in detail how soil conservation farming is started and carried on.

h-c 20 minutes \$2.00

FORCE AND MOTION (C)

Here we see how a young boy's curiosity leads him to investigation and comprehension of force, mass, acceleration and their interrelationships. The film also portrays visually the effects of the basic laws of mechanics and Newton's Three Laws of Motion, and introduces the student to such terms as inertia, momentum and reaction.

j-h-c 11 minutes \$1.25

FORCE OF GRAVITY (YA)

While roller skating, Judy experiences gravity. She learns other things about what gravity does, how it relates to weight and speed of falling, and a concept of what it is.

p-i 11 minutes \$1.25

FOREST AND CONSERVATION (C, Color)

Color film study of the problem of how to conserve and utilize our forest resources. Shown is correct logging, reforestation and fire-fighting.

j-h-c 10 minutes \$2.25

FOREST CONSERVATION (EB, Color)

Calls attention to the many ways in which man has unwittingly depleted the forest by greedy and ignorant exploitation for his own gain. Forecasts the dire and dangerous results of this exploitation if it is continued. Suggests finally what is being done and must continue to be done in order to save the forest and its vast resources.

j-h 11 minutes \$2.25

FOREST GROWS, THE (EB, Color)

Presents the story of how our forests grow. Points out and describes the various elements that contribute to the mature forest, emphasizing the unique contribution of each element. Explains forest zones in relation to temperature and rainfall, and defines the phrase "the climax forest" in terms of dominating species that predominate when the forest is mature.

j-h 11 minutes \$2.25

FOREST PRODUCES, THE (EB, Color)

Portrays the development by the forest of the great life-giving resources which man exploits. Describes timber and how it grows; explains the watershed's vast

underground reservoir, and recalls the facilities of the forest for man's use in physical and spiritual recreation. Implanted in the film are hints as to how these forest resources are threatened by man.

j-h 11 minutes \$2.25

FOREST RANGER, THE (USDA)

Depicts the training and year-round activities of these guardians of our national forest resources. The wide range of these activities is portrayed: protecting of the forest against fire, timber thieves; gathering data for the United States Weather Bureau; rescuing the snowbound; protecting the range against overgrazing; safeguarding of wild life; and carrying on educational work among children and adults for the preservation of our national resources. The commentary is excellent.

i-j-h-c 30 minutes \$3.00

FORESTRY AND FOREST INDUSTRIES (VGF)

Examples of the general kinds of occupations found among the one million people engaged in the harvesting, processing and distribution of forest products are well illustrated. Scenes and information about the working conditions are also a part of this guidance film.

j-h-c 11 minutes \$1.25

FORGOTTEN VICTORY

(TFC, Restricted to Classroom Use)

In 1898 Mark Carleton, a grain investigator for the Department of Agriculture, was assigned to find a cure for grain ailments such as "peat rust." Carleton's discovery of a hard wheat called "Kubanka" and of his difficulty in getting the adequate machinery installed in America for handling the hard grain is illustrated.

h-c-a 11 minutes \$1.25

FORMING ALUMINUM — BLANKING AND PIERCING (USBM)

The techniques of blanking and piercing are profusely illustrated by animated drawings throughout the film, which opens with a description of the tools employed and the material used in blanking, followed by the operations of the die and punch. The film closes with a summary of instructions on design, lubrication, and maintenance of tools.

h-c 15 minutes Handling charge, \$1.00

FORMING ALUMINUM — DRAWING (USBM)

The techniques of sheet metal working are illustrated by animated drawings throughout this film, which opens with reference to the properties of cold-working and heat-treatable aluminum alloys, and the purpose of heat-treating and refrigerating the metals.

The functions of the single-action and double-action or toggle drawing press are described. The film closes with a summary of operations and instructions on selection of metal and use of tools.

h-c 22 minutes Handling charge, \$1.00

FORMING ALUMINUM — GENERAL SHEET METAL PRACTICE (USBM)

The techniques of sheet metal working are illustrated by animated drawings throughout the film, which opens with a description of aluminum alloys and their designations. There follow references to the heat treatment and degrees of hardness of metals, the art of shaping, the choice of tools for working, and stresses and flow of metal which take place when metal is bent.

h-c 21 minutes Handling charge, \$1.00

FORMING ALUMINUM — SPINNING (USBM)

The techniques of metal spinning are illustrated by animated drawings throughout the film, which opens with a description of standard tools required and their operation, and shows that tools developed by metal spinners have individual characteristics. We see the functions of spinning tools; the laying down, beading, and cutting or trimming tools; and the importance of smooth tool faces.

h-c 17 minutes Handling charge, \$1.00

FORMING ALUMINUM — TUBE AND SHAPE BENDING (USBM)

The techniques of bending are profusely illustrated by animated drawings throughout the film. Problems in tube bending, the principal factors involved, such as alloy, thickness, size, and shape of the tube are discussed. In conclusion we see a recapitulation of instructions on machine bending and the importance of smooth finish on contact surfaces of bending tools.

h-c 13 minutes Handling charge, \$1.00

FORMOSA (McGH)

An account of the work that the United States is doing in Formosa to support Chiang Kai-Shek's nationalist government and army in exile and build up the living standards and morale of islanders.

h-c-a 18 minutes \$2.00

4-H CAMPING IN WESTERN ILLINOIS

(UI, Color)

A color-sound movie showing the campsite and a typical day's program for 4-H boys and girls. It was prepared especially for the 4-H Club Camp Fund Campaign in Western Illinois.

general 11 minutes \$2.25

4-H PHYSICAL FITNESS (UI, Color)

A typical 4-H Fitness Field Day as it has been conducted in 75 Illinois counties during the last 5 years. Tests and measurements are given 4-H members to determine each member's level of fitness. A member is retested from year to year to determine his progress in physical fitness. Conditioning and training exercises are also shown.

i-j-h 22 minutes \$3.00

4-H SWIMMING (UI, Color)

Shows the steps used in teaching 4-H Club members to swim. Swimmers are classified into four groups on the basis of their present skill. Stunts used in teaching the beginners and the tests passed as the swimmer advances to the next class are shown in detail. The program is built upon teaching groups sea-worthiness rather than coaching a racing team.

i-j-h 22 minutes \$3.00

4-H TUMBLING (UI, Color)

This film, in sound and color, shows the essential steps in training tumbling teams for the 4-H Tumbling Tournament which is held each year at the Sports Festival in Urbana, Illinois. It shows how to build three pyramids and to perform three tumbling routines. The championship tumblers are shown in action at the tournament.

general 11 minutes \$2.25

49TH STATE (RKO)

Tells the dramatic story of how the Hawaiian people, as full members of tomorrow's America, have abandoned dreamy native ways for business, industry, and education. Hawaii's fields, factories, and colleges rival any on the mainland.

general 17 minutes \$2.00

FOX AND THE ROOSTER, THE (EB)

This adaptation of one of Aesop's fables points up moral that even a clever schemer can be outwitted when good friends help each other. Animals play all the roles. Characters are a fox, owl, rooster, possum, and dog.

p 11 minutes \$1.25

FOX HUNT IN ITALY (EB, Color)

Photographed in breathtaking Technicolor, this film depicts all the excitement and color of a fox hunt which takes place in the country near Rome.

i-j-h 10 minutes \$2.25

FRANCE: BACKGROUND FOR LITERATURE (C)

Takes your students to the France of Hugo, Balzac, Maupassant, Dickens, and Poe to see for themselves

the places where their famous stories were set. Here the moods and emotions of France are captured and presented as an authentic background for discussion and special class projects.

j-h-c-a 11 minutes \$1.25

FRED AND BILLY TAKE AN AIRPLANE RIDE (C, Color)

Fred and Billy are going to take an airplane trip from their home in Chicago to visit their uncle in New York. They telephone the airline to reserve their tickets and go to the airport to get the tickets. The camera follows the loading and preparation of the airplane, the things they see on the way, and the landing at LaGuardia Field in New York. Excellent alternation between ground and air shots of the same scenes help show the difference between the way things look on the ground and from the air.

p-i-j 9 minutes \$2.25

FRED MEETS A BANK (C)

This story of a bank and its functions presents the purpose and handling of a check, opening a savings account, securing a loan, and a visit to the safety deposit box.

i-j-h 11 minutes \$1.25

FREE AIR (JH)

Free air deals mainly with oxidation—the burning of fuel—in the internal combustion gasoline engine. We are shown that oxidation is the combination of oxygen with another substance, and that in the presence of enough oxygen even steel shavings will burn. The explosions which take place in the combustion chamber of the engine are shown to be a rapid combining of oxygen with the fuel—gasoline.

To get the maximum energy out of fuel, air and fuel must be mixed in proper proportions. How this proper mixture is obtained is dramatically shown in an effective visualization of vaporization of gasoline and its mixture with air.

Extremely interesting and informative are tests and demonstrations which make clear many complex operations and processes.

j-h-c 9 minutes \$1.25

FREE HORIZONS (FI)

Deals with the action taken by our government to preserve untouched portions of America in National Parks for the use and enjoyment of all, and to conserve vast tracts of forest land in National Forests for the protection of our dwindling timber supply.

j-h 22 minutes \$2.00

FREEDOM COMES HIGH (OWI)

A woman at home and a man in the war—this is the story of Ellen and Steve—Ellen who works in a

war plant, and Steve who is aboard a destroyer somewhere in the South Pacific. It portrays Steve's courageous decision to sacrifice his life for the cause of freedom, knowing in his heart that those at home will understand.

h-c 19 minutes \$2.00

FREEDOM RIDES ON RUBBER (FC)

Opens with the history of the development of the rubber tire, showing how research workers have met and conquered each new problem. Today, with the increasing demands for rubber and an ever-diminishing supply, scientists are faced with the task of developing a successful substitute. The manufacture of synthetic rubber is clearly illustrated from the beginning process to the finished product.

h-c 28 minutes Handling charge, \$1.00

FREEZING FRUITS AND VEGETABLES (USDA, Color)

A complete story on the preparation of frozen fruits and vegetables which make possible the serving of spring and summer fruits and vegetables any time of the year.

j-h-c 20 minutes \$3.00

FREIGHT YARD (NYC)

Demonstrates the organization which is essential to efficient and rapid transportation of the nation's freight. Emphasis is placed upon the types of modern equipment and safety devices employed, together with the inspection and testing thereof to insure safe operation.

i-j-h-c 22 minutes Handling charge, \$1.00

FREIGHTER AT SEA (A)

Shows life aboard a freighter at sea. The activities of the officers and crew in operating the ship are shown.

p-i 17 minutes \$2.00

FREIGHTER IN PORT (A)

Shows and defines the various parts of the ship and their uses. Animated drawings and a model show how the cargo booms and winches work in handling the cargo. Points out that the ocean freighter is important to all of us because it brings to our country many raw materials and products we need and it carries the products of our forests, farms and factories to all parts of the world.

p-i 14 minutes \$2.00

FRENCH-CANADIAN CHILDREN (EB)

Provides an intimate study of the winter home life, environment, and activities of a typical French-Canadian farm family in the Province of Quebec. Reproduced conversations reflect the continuing influence of

the French language and customs. School life, ice cutting, rug making, food preparation, and maple syrup refining make up captivating sequences.

p-i-j-h 10 minutes \$1.25

FRENCH CHILDREN (EB)

Shows in magnificent photography the life of a typical French family on a farm in Brittany, near the mediaeval town of Dinan. Here is an intimate glimpse of a French family: Mother, Father, Grandfather, and three children plying their chores, making butter in old-fashioned churns and living the austere but quaint life of French peasants in surroundings that change little with the years.

p 11 minutes \$1.25

FRENCH INFLUENCES IN NORTH AMERICA (C)

From the Gulf of the St. Lawrence to the mouth of the Mississippi, the great French Empire in North America left a profound influence upon the culture of this continent. The living evidences of that culture on our own language, dress, architecture, religion and art form are the theme of this visual history motion picture. Authentic historical locations from Quebec, Canada to former forts and trading posts to the middle west, down to the bayous of Louisiana are presented to document the widespread movement and influence of French explorers.

i-j-h-a 11 minutes \$1.25

FRICTION (YA)

Introduces the student to the nature of friction as a restraining force with which he must contend in everyday life. It explains the ways in which we try to reduce friction when it is undesirable, and the ways in which we try to increase it when it is helpful.

i-j 11 minutes \$1.25

FRIEND OF THE FAMILY (McGH)

Surveys many industries which have developed to serve your pets. The specialized pet food industry, manufacturers of leashes, rubber bones, etc., as well as veterinarians and training kennels are included.

i-j-h-c-a 16 minutes \$2.00

FRIENDS OF THE AIR (UW)

Stresses the important part our friends the birds play in our war on insects. The characteristics of some of the most common ones are vividly pictured. The picture is filmed in Kodachrome and brings out in actual and vivid detail the colors of the various birds.

i-j-h 11 minutes \$1.25

International Understanding

CRIME OF KOREA
CRISIS IN IRAN
GERMANY TODAY
INDIA: PAKISTAN AND THE UNION OF INDIA
MAN IN THE TWENTIETH CENTURY
OUR STAND IN KOREA
WORLD BALANCE OF POWER



FRIENDSHIP BEGINS AT HOME (C)

Is a discussion of the adolescent's relationship with the family, stressing the fun of doing things in a family group, and treating parents, brothers and sisters with respect and affection.

j-h 17 minutes \$2.00

FRISKY, THE CALF (C)

It is the story of a lovable little calf and takes children into the barnyard where they see how the little animal is handled. Designed to stimulate youthful interest in the world about them and to provide a valuable background for reading and discussion. Can be used for a variety of social group purposes as well as for classroom study.

p-i 11 minutes \$1.25

FROG (EB)

The entire life cycle of the frog is presented. Stop-motion scenes and microscopic views show the de-

velopment of the embryo in a continuous scene of only a few seconds. The several changes taking place in the tadpole stage are carefully portrayed. Slow-motion photography demonstrates the graceful movements of the frog in jumping.

i-j-h 11 minutes \$1.25

FROM TEE TO GREEN (NFBC, Color)

A tour of five Canadian golf courses, from Newfoundland to Vancouver Island. Setting out to hitchhike across the country, a youngster earns his way by caddying at courses in each province, including the courses in such national parks as Prince Albert and Banff. Final scenes are of Bing Crosby enjoying a game at Jasper.

general 12 minutes Handling charge, \$1.00

FROM TREE TO PAPER (AFB)

Shows by photography and simple diagrams how paper is made from trees. It also tells how scientific forest management assures growth of repeated tree crops.

i-j-h-c-a 13 minutes \$2.00

FRUITS, VEGETABLES, AND COOPERATION (USDA)

Gives picture of opportunities derived from cooperative work. Settles problems of growing, selling, assembling, packing, and shipping so that the farmers can produce to the best advantage.

j-h-c 20 minutes \$2.00

FRUSTRATED STUDENT: THE DROP OUT (McGH)

Examines the causes which lie behind many adolescents' quitting school as soon as the law permits. Reveals the frustration of natural interests in a school situation that bears no relation to everyday life. Restates the principle that school must provide a program that offers each child a chance to grow.

j-h-a 22 minutes \$2.00

FRUSTRATED STUDENT: THE STAY IN (McGH)

By enlarging on the theme stated in The Drop Out, demonstrates that the school curriculum oriented in terms of growth of the "whole child" instead of in terms of subject matter results in a happy well-adjusted school environment that contributes to each child's physical, emotional and mental maturity.

j-h-a 22 minutes \$2.00

FRYING PAN AND THE FIRE (USDA, Color)

Aimed primarily at the hiker and camper as a part of the cooperative forest fire prevention campaign.

j-h-c 18 minutes \$3.00

FUELS AND HEAT (EB)

Explains the role of carbon in fuels, the manufacture and storage of carbohydrates by plants, the way in which coal and oil were produced by nature, and how man extracts them. Animated photography also describes molecular action in portraying the relation of heat to temperature. Also clarified by this medium are the operations of both steam and internal combustion engines. The film is well adapted to upper elementary grade science courses of study.

j-h 11 minutes \$1.25

FUN OF BEING THOUGHTFUL (C)

Behind courtesy, behind all social adjustment, lies the complex skills involved in insight into the motives, tastes, and desires of others. We call this insight thoughtfulness. It is expressed in hundreds of small and large ways, in speech, silence, action and inaction. May be used in social studies, in language arts, in home economics, or in any group where improvement of group and personal relations is either an immediate or long-run goal.

j-h-a 11 minutes \$1.25

FUN OF MAKING FRIENDS, THE (C)

What are the values of friendship? How do you make and keep friends? These are just a few points about friendship that are dealt with in this film. Designed to help teachers guide classes to a realization of what friends are and how easy it is to be friendly.

p 11 minutes \$1.25

FUN ON THE PLAYGROUND (EB)

Portrays a group of children engaged in constructive play activities during school recess. The film depicts three types of games: those which children invent themselves; those learned under supervision but carried on by the children alone; and those which represent dramatic play growing out of school activities.

p-i 11 minutes \$1.25

FUN THAT BUILDS GOOD HEALTH (C)

All children need to learn many different kinds of play—in groups or alone—at active physical activities or at quiet games and pastimes. By presenting a variety of choices of recreation in terms of good times and good health, this film will have a direct effect on the play activities of children.

p-i-a 10 minutes \$1.25

FUNDAMENTALS OF ACOUSTICS (EB)

The phenomenon of hearing and the modification of sound between the source and the hearer are emphasized in this film. The specific elements explained or demonstrated are velocity of sound, refraction, range

of hearing, lowering intensity, attenuation in air, eliminating high and low frequencies, reverberation and focussing of sound. Extensive use is made of animation and sound effects. The film concludes by indicating advances in communication which have resulted from combining our knowledge of sound and of electricity.

j-h 11 minutes \$1.25

FUNDAMENTALS OF BASKETBALL (C)

Branch McCracken, Indiana coach, uses his squad to illustrate stance, ball handling, shooting, defensive play and importance of teamwork.

j-h 14 minutes \$2.00

FUNDAMENTALS OF DIET (EB)

An introductory sequence outlines the types of food provided by nature for animals and man. Emphasis is placed upon the fact that many of the foods which man has learned to eat are provided by nature for her young—both plants and animals. By experiments with animals, the results of diet deficiencies are illustrated. The ideal diet is discussed, and suggestions are made for selecting intelligently from the classes of foods, those needed to keep one's body strong and healthy and one's mind alert.

j-h-c 11 minutes \$1.25

FUNDAMENTALS OF FILING (UW)

Defines the terms used, various types of files, and indicates the general type of work that each kind of file does best. Intended for the beginner in shop work.

h-a 11 minutes \$1.25

FUNDAMENTALS OF PUBLIC SPEAKING (C)

Importance of public speaking in a real-life school situation is stressed in this film which follows up with the steps in achieving an effective speech. How to analyze a speech situation, how to plan and how to deliver a talk that will get results is told in this very practical motion picture.

j-h-c-a 11 minutes \$1.25

FUNDAMENTALS OF TENNIS (BFS)

Donald Budge demonstrates the many basic points that result in winning form. Simple forehand, backhand and service strokes, as well as the more advanced strokes, are analyzed and helpful suggestions for their proper execution are clearly demonstrated.

j-h-c 20 minutes \$2.00

FUNDO IN CHILE (OIAA)

Life on one of the great agricultural estates of Latin America, as large as many a North American county, is the theme of this film. The community of hundreds

of workers, their use of modern methods and machinery, the activities of their own school and services of their own church are pictured. This is a useful teaching film revealing a way of life largely unchanged, in spite of some modern practices on this particular plantation, since these estates were founded.

i-j-h-c 20 minutes \$2.00

FUNDY HOLIDAY (NFBC, Color)

A camera tour of Fundy National Park in Canada. The emphasis is on the family aspects of the park—the things the whole family can do together, and the variety of things to do; something to interest every member of the family. Scenes of swimming, fishing, tennis, golf, hiking, and nature study.

general 9 minutes Handling charge, \$1.00

FUNGUS PLANTS (EB)

Major emphasis is given to the various mushrooms whose growth and reproduction are illustrated by time-lapse photography and animation. Molds and other fungi are also presented by these same techniques. The economic importance of these plants is definitely shown by both the photography and the narrative in their use as food, their destruction of dead organic matter and their cause of disease in plants.

j-h-c 11 minutes \$1.25

FUNNY BUSINESS (RKO)

The story of the comic strip industry and the folk reading of a nation—the realm of make-believe ruled by high adventure, suspense and the belly laugh.

general 18 minutes \$2.00

FUR TRAPPER OF THE NORTH (EB, Color)

Shows the rugged life of the fur trapper in the northern wilds. Three sequences show his summer and early autumn preparation, the beginning of trapping in late autumn, carrying through the dead of winter into spring, and the return of spring, and the break-up of ice, the end of trapping and disposition of pelts.

i-j 11 minutes \$2.25

FURNITURE CRAFTSMEN (EB)

Describes the roles of the designer and skilled craftsmen in making custom-built furniture. Pattern making, laying out, band sawing, power planing, joining, lathe turning, grooving, gluing, carving, and finishing stages are studied in close-up detail. The interrelation of hand and machine-tool operations and skills required for precision woodworking are demonstrated throughout.

h-c 10 minutes \$1.25

FURY IN THE PACIFIC (OWI)

This is the first film produced jointly by the armed forces for public showings, combining footage

from the Army, Navy, Marine Corps, Coast Guard and Army Air Forces. It unfolds with dramatic vigor the problem of a typical combined amphibious action in the Pacific.

h-c 20 minutes \$2.00

GAGE BLOCKS AND ACCESSORIES (USOE)

Explains why accessories are used with gage blocks, shows how to inspect a plug gage, an adjustable snap gage, a profile gage, a ring gage, and a screw-thread pitch.

h-c 23 minutes \$2.00

GALLUP POLL (TFC, Restricted to Classroom Use)

The film opens with discussion of the Gallup Poll, what it is, how it functions, and indicates that before the advent of accurate polls it was decided by guesswork what trend elections, etc., were taking. Following this introduction, Dr. Gallup is presented and briefly states the object and benefits of taking various polls. We then are shown the Gallup office in operation, with many girl clerks sorting, filing and counting returns. Then to the field force and interviews with various strata of American life, questioning machinist, barber, housewife, student, etc.

j-h-c 10 minutes \$1.25

GAME OF GAMES (AFC)

Is a pictorial account of the famous football game between the U.S. Military Academy and the U.S. Naval Academy in the fall of 1946. Part of the account has been taken in slow motion. Sports fans will recall that this was the final appearance of the touchdown twins, Blanchard and Davis.

j-h-c 20 minutes \$2.00

GAME OF JAI ALAI

(TFC, Restricted to Classroom Use)

Shows the beginnings and development of the great Mexican game that is rapidly gaining popularity all over the world. Relates this fast moving, exciting game to the game of hand-ball, and then shows some exciting scenes in the Fronton Mexico—the arena in Mexico City where the game is at its best.

general 10 minutes \$1.25

GARDENING (EB)

Follows a boy and girl through a garden-raising project from the selection of seeds to the harvesting of the crops. Radishes, carrots, lettuce, beets, beans, corn, pumpkins, onions, tomatoes, and potatoes are cultivated and harvested. Attention is directed to aspects of soils, growth, role of the sun, insect pests, and to the various parts of plants used for food—leaves, stems, buds, and roots.

i-j-h 15 minutes \$2.00

GARDENS OF THE CARIBBEAN: BARBADOS AND TRINIDAD (FZP)

From Barbados, we sail over the sunset trail of the Caribbean to the beautiful island of Trinidad. Its natural pitch lake, the substance of which is used in the building of roads, makes Trinidad the most prosperous island of the British West Indies.

i-j-h-c-a 10 minutes \$1.25

GARDENS OF VICTORY (BHG)

The need for hundreds of thousands of additional vegetable gardens is obvious to everyone who knows the situation. More and more of our food must be sent abroad this year to our allies and fighting men. The very least that we at home can do is to ease the strain of supply and plant and grow much of the food for our own table. We can do this through victory gardens, and Gardens of Victory is the perfect answer in getting an organized drive under way.

j-h-c 11 minutes \$1.25

GAS FOR HOME AND INDUSTRY (EB)

Explains the role of fuel gas as a source of energy in our modern society. Describes production of various types of manufactured gas, using both natural photography and animated drawings. Shows how natural gas is obtained from wells and distributed through pipelines to production centers. The importance of gas conservation is discussed, and future technological developments in gas manufacture are suggested.

j-h 22 minutes \$2.00

GASOLINE'S AMAZING MOLECULES

(STO, Color)

Animated figures illustrate the formation of petroleum molecules by elements and patterns of different molecular structures found in crude oil. Shown are petroleum storage tanks, pipe lines, theory of distillation, fractionation, cracking processes, stills, and production of high antiknock gasoline by polymerization and alkylation.

h-c 22 minutes Handling charge, \$1.00

GENERAL AGRICULTURE (VGF)

Types of agriculture, diversified training, information, and skills needed in handling equipment and animals are explained in this vocational guidance film.

j-h-c 10 minutes \$1.25

GENERAL ELECTION (BIS)

The film is concerned with general elections in England. It presents an interesting view of political life there which can be contrasted with practices in this country. The film begins with the formal proposal of the candidates and ends with the excitement of

polling day. The voters are coaxed and cajoled by the oratory of each candidate, unlike American political operations. Scenes of polling day show the mechanics of voting.

general 20 minutes \$2.00

GEOGRAPHY FROM THE AIR (AAER)

From footage taken by the Air Transport Command, scenes from all over the world have been selected to illustrate outstanding geographical elements. The content and sequence of the film are based on land geography, ocean geography, and man-made geographical features.

i-j-l-c 11 minutes \$1.25

GEOGRAPHY OF AUSTRALIA (YA)

Describes the physical geography of the country, its natural resources, and how the manner in which those resources have been used has determined the development of the nation.

i-j-h 11 minutes \$1.25

GEOGRAPHY OF NEW ENGLAND (C)

The region of New England is more than a physical area; it is a network of relationships between people and places; activities and resources. Effects of glaciation on the whole area, development of specialized industries, distribution of population and an accurate picture of the economy and culture of the area are all presented in a clear and easy-to-understand manner.

i-j-h 11 minutes \$1.25

GEOGRAPHY OF THE ROCKY MOUNTAIN STATES (C)

The six states of Montana, Idaho, Colorado, Wyoming, Utah and Nevada are shown to provide a geographical understanding of this region. Grazing, irrigation, farming, mining, and lumbering are depicted.

i-j-h 10 minutes \$1.25

GEOGRAPHY OF THE SOUTHERN STATES (C)

Three factors affecting life in the South are discussed: history, soil and climate, and change. The effect each of these three things has had on life in the south is shown. The history, as it developed the plantation systems; soil and climate as it determines the type of crops grown; and change to diversified agriculture and the growth of industry—all these things go into the background of the south and are helping develop the new south.

i-j-h 10 minutes \$1.25

GEOGRAPHY OF THE SOUTHWESTERN STATES (C)

Covers the states of Arizona, New Mexico, Texas, and Oklahoma. Stresses the relationship between the activities of the people and the natural characteristics of the land.

i-j-h 19 minutes \$1.25

GEOLOGICAL WORK OF ICE (EB)

Opens with a survey of significant but often overlooked examples of the gradational work of ice. Animated drawings are employed to explain the action of phenomena that cannot be demonstrated photographically. The major portion of the film is devoted to the story of glaciers, glacial movement, gradation and transportation by glaciers, topographical results of glacial activities as evidenced by moraines, eskers, striated and grooved rocks, cirques, hanging valleys and fiords; and finally the Pleistocene ice age.

h-c 11 minutes \$1.25

GEOMETRY AND YOU (C)

Students will better appreciate the function of geometry when they see this practical demonstration of its everyday importance. In constructing a model porch with Jim and Bob, they'll use protractor and ruler to apply their study of such figures as rectangles, triangles, and circles, and such principles as congruence, similarity, and symmetry.

j-h 10 minutes \$1.25

GEOMETRY IN ACTION (BEF)

This subject was made in collaboration with David Reichgatt and Lee Spiller, authors of *Today's Geometry*. The film considers the questions: Why should I take Geometry? What good will Geometry do me? The following fields are used to show the practical everyday applications of geometric forms: transportation, medicine, manufacturing, agriculture, sports, and home economics.

h-c 11 minutes \$1.25

GEOPOLITIK (PLAN FOR DESTRUCTION)

(TFC, Restricted to Classroom Use)

This is a propaganda short narrated in part by Lewis Stone in which he tells how after the first World War a German, Professor Haushofer, began to study geopolitics in connection with another World War to come.

j-h-c 20 minutes \$2.00

GEORGE WASHINGTON (EB)

Brings to life the qualities and skills which made Washington, more than anyone else, the builder of the American nation. Portrays events of his boyhood and his role in the French and Indian Wars. Illustrates his trials and triumphs as military leader in the American Revolution and as organizer of the movement to frame the Constitution. Reveals his difficulties and success as first President of the United States.

j-h-a 22 minutes \$2.00

GERMAN LANGUAGE FILM #1 (UWI)

All the basic sounds of German, pronounced in simple sentences using present tense. Presents dialogue on the arrival in Germany of a friend from America.

j-h-c 11 minutes \$1.25

GERMAN LANGUAGE FILM #2 (UWI)

All the basic sounds of German, pronounced in simple sentences, using various tenses. Dialogue on departure for a skiing trip.

j-h-c 11 minutes \$1.25

GERMAN LANGUAGE FILM #3 (UWI)

The sounds of German, pronounced in sentences of different structural types. Dialogue on a picnic students are planning.

j-h-c 19 minutes \$1.25

GERMAN LANGUAGE FILM #4 (UWI)

All the basic sounds of German, pronounced in sentences of highly complex structural types. Presents dialogue on the building of a new house.

j-h-c 20 minutes \$1.25

GERMANY INVADES AUSTRIA (ICS)

As the title indicates, this is a record of the incidents leading to and accompanying Germany's invasion of Austria. This film requires evaluation for school use to avoid possibility of seeming Nazi propaganda.

j-h-c 11 minutes \$1.25

GERMANY TODAY (McGH)

Shows the ruins and the breadlines, the life of Germany under the military government of General Lucius Clay, the denazification trials, and the children of Germany, the hope of democracy in central Europe. In the American zone a free press and radio, and a free motion picture screen have begun to be restored. In democratic elections a higher proportion of eligible voters turn out than in the United States. But 300,000 American troops must stand guard against the ever present threat of a return of Nazi terror.

h-c-a 16 minutes \$2.00

GET GOING (JH)

In this picture the problem of inertia is again attacked.

Everything we see needs a force behind it to make it start. Just how that force acts is here made clear. We see how we can help the moving force by increasing the power, or by cutting down weight, as is done on racing cars and motorcycles. Before our eyes a demonstration is made of what the sacrifice in weight entails in loss of durability and strength. In the end

we find the balance which has been achieved in the modern motorcar between power and weight to deliver the utmost in acceleration without loss of durability or economy.

j-h-c 7 minutes \$1.25

GETTING THE FACTS (EB)

Discusses the ways and means by which people can become sufficiently well-informed to behave intelligently as citizens. Portrays newspapers, radio, books, schools, television, and the spoken word as channels of enlightenment.

h-a 16 minutes \$2.00

GETTING YOUR MONEY'S WORTH

(HOP, 3 parts)

No. 1: The wearing qualities and standards of measurement of shoes are tested for best values; toys are shown that measure up to quality and safety standards; milk tests are made for purity and butterfat content.

No. 2: Consumer testing of razor blades aims to find the blades that will "shave off a maximum of hair with minimum of skin" at lowest cost. Cosmetics (face powder and face cream) are tested for purity and value.

No. 3: What to look for in buying a used car; the methods of unethical dealers; some simple tests for prospective buyers. Approved by the Automobile Association of America.

j-h-c-a 9 minutes each \$3.00
or \$1.25 EACH PART

GIANT OF THE NORTH (AS, Color)

Depicts the natural beauty, resources, and life of the people of Alaska, particularly of the Point Hope Eskimos. Includes some pictures of the jet air base there.

general 21 minutes \$1.00

GIANTS OF THE JUNGLE

(TFC, Restricted to Classroom Use)

We see some of the training elephants get before they become beasts of burden. The scene of the film is Assam, India. These big animals march over difficult terrain, batter down jungle thickets and even trees, lift, haul, carry stones and logs. Adroitly, using feet, trunk, and tusks, they move massive boulders. At the end of the day's work the elephants repair to the river where they are scrubbed with pumice to remove the ticks that burrow into their hides. The picture closes with a scene showing elephants, richly adorned, carrying members of royalty in a maharajah's procession.

p-i-j 10 minutes \$1.25

GIFT OF GREEN (SI, Color)

Presented by the New York Botanical Garden to show how the green plant holds a key to all life on

Earth. Explains in non-technical language the process of photosynthesis, how the green plant, with the aid of sunlight, builds food from water and air.

j-h-c 20 minutes \$2.00

GIFT OF TS'AI LUN, THE — PAPER (HP, Color)

Woodland cutting and logging scenes; Great Lakes shipping scenes; a modern paper mill from woodyard to finishing department — these are some of the things viewers will see after they have learned how and where paper was invented and who Ts'ai Lun was.

general 33 minutes Handling charge, \$1.00

GIRLS BASKETBALL FOR BEGINNERS (BU)

Presents for 13 to 15 year old girls in actual game situations: fundamentals, skills, rules, game play.

j-h 22 minutes \$2.00

GIVE ME LIBERTY

(TFC, Restricted to Classroom Use, Color)

The scene is Virginia, 1765. Patrick Henry delivers his famous speech, "If this be treason . . ." after the king's tax proclamation has been read. There is some objection to his remarks and as a result his wife exacts a promise from him that he will say nothing treasonable henceforth.

Henry is reluctant to speak at a protest meeting held by patriots at St. John's Church, Richmond. But when a loyalist talks against war with England, Henry, after an encouraging glance from his wife, delivers his "Give me liberty or give me death" speech and is wildly acclaimed although the British soldiers enter the church.

j-h-c 20 minutes \$3.00

GLACIER PARK STUDIES (SM)

Serves as a field trip to introduce students to the history, geology and outstanding life forms of the park. The film shows mountain structures, glaciers, lake formations, wild animals, unusual flowers and illustrates basic geologic concepts.

j-h-c 22 minutes \$2.00

GLOBAL CONCEPT IN MAPS (C, Color)

The three main concepts are treated in this film. They are the globe, projection, and distortion.

j-h-c 11 minutes \$2.25

GOATS (EB)

Depicts the domestic life of a herd of goats on a farm. The feeding, milking and care of mature goats are shown. Two baby goats are depicted in characteristic activities. A billy goat pulls the farmer's boy in his miniature wagon to deliver milk.

p-i 11 minutes \$1.25

GOING STEADY? (C)

Whether they realize it or not, a high proportion of 'teen agers "go steady" or will before they are out of high school. Of course, steady dating is a normal step in the progress toward engagement and marriage and should be understood as such. But even if this relationship is quite casual, it often brings problems and disadvantages. "Going Steady?" emphasizes these points and raises the whole question of going steady in an objective setting that will encourage discussion and understanding through the valuable exchange of ideas.

j-h-a 11 minutes \$1.25

GOING TO BLAZES

(TFC, Restricted to Classroom Use)

Tells of the work of the fire department in a large city; how an alarm is turned in and what happens in the fire department. States that the way to fight fires is to prevent them by safety checks. Shows many home fire hazards. Homes, lives, jobs—all are going to blazes, and a fire costs everybody.

h-a 22 minutes \$2.00

GOLD RUSH MICKEY (BRF)

Mickey, piano player in a Klondike saloon, finds Minnie outside, cold and hungry. Pierre, a trapper, kidnaps her. Mickey chases; battle ensues. Gag with Pluto and huge snowball smashes cabin; Mickey and Minnie saved.

general 5 minutes \$1.25

GOLDEN AX (EB)

Adapted from a story by Aesop, this film points up the moral that honesty is the best policy. A woodsman loses his rusty ax. He refuses to accept a silver and a golden one from a strange little man until he is assured that he is welcome to them. Great joy comes to him, but when his greedy neighbor tries to fall into the same good luck, unhappiness results.

p 9 minutes \$1.25

GOLDEN FLEECE, THE (ASFL)

Is an overview of the Australian sheep-raising industry. There is a brief explanation of the efforts in sheep breeding which have played an important part in Australian sheep raising, and a fine Marino is shown as a typical example of the result of correct breeding. There are scenes of the flocks as they graze, and of the sheep being dipped and receiving medicine by spray gun. Every year, the narrator states, 113 million sheep are assembled for shearing. The work in a typical shearing shed is explained, and the fleeces are shown being rolled and sorted, classified, and finally baled and weighed. Trucks and railroads are used for transportation to market centers. The film ends with scenes in a

typical market, including the display room, the auctioneer's appraisal, and an interesting recording of a sale in the auction room.

i-j-h-c 11 minutes \$1.25

GOLDEN HARVEST (GLSC, Color)

Describes the benefits to farmers of being able to store one year's crop or more of small grain on the farm. Suggests a prefabricated steel building as a means of meeting this national farm need and helping the farmer to make more money.

j-h-h-c-a 15 minutes \$3.00

GOLDEN TWENTIES, THE (McGH)

The fabulous "jazz age"—the age of the "lost generation," repeated from newsreel shots of the time and narrated by Red Barber, Elmer Davis, Robert Q. Lewis, and Frederick Lewis Taylor. The fields of politics, sports, business, entertainment and just plain daily living are treated with vivid realism. President Harding, Red Grange, Bobby Jones, Rudolf Valentino, and Sinclair Lewis are a few of the many famous personalities seen in the film.

general 68 minutes \$7.00

GOOD EARTH, THE

(TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Pearl Buck's book.

j-h-c 40 minutes \$4.00

GOOD EATING HABITS (C)

When youngsters see how Bill, a boy just like them, becomes ill because of his improper eating habits, they're sure to take a new interest in the proper way to eat. They'll see how important it is to eat slowly, chew foods thoroughly, avoid excessive sweet foods—especially between meals—and why they should eat what is served to them at mealtime.

p-i 11 minutes \$1.25

GOOD JOB, THE

(TFC, Restricted to Classroom Use)

A story by William Saroyan in which a young storekeeper in the slum district of an unidentified town philosophizes about the people who come to the store for things to eat, a place to be, or simply to talk with somebody.

j-h-a 10 minutes \$1.25

GOOD SAMARITAN (RFA)

The parable of Jesus, enacted by puppets designed by Mabel Beaton.

p-i-j 14 minutes \$1.25



A JOB FOR BOB

High school students will benefit greatly from this fine presentation of the way Christianity works out in daily living and in the selection of a vocation.

30 MINUTES RUNNING TIME

\$3.00 PER WEEK

GOOD SPEECH FOR GARY (McGH)

The story of a second grade boy who was helped to overcome his stuttering by the cooperation of teachers, parents, and classmates, and by the use of various teaching aids—flannel board, radio, puppets, choral speaking, social-drama, etc.

c-a 20 minutes \$2.00

GOOD SPORTSMANSHIP (C)

Demonstrates what good sportsmanship is, motivating a desire on the part of the individual to "be a good sport" himself. Through lively story situations, the audience sees a number of examples of good sportsmanship in action. The importance of sportsmanship in all phases of daily living is emphasized.

i-j 11 minutes \$1.25

GOOD TABLE MANNERS (C)

Good table manners depend partly upon attitude. Here this important factor is developed by showing that table manners are matters of courtesy, consideration for others and common sense. Through an unusual dramatic device, in which a 14-year-old boy is brought face-to-face with himself as a young man of 21, audiences will see that they soon will be entering an adult world in which they will be constantly concerned with making a good impression.

i-j-h 11 minutes \$1.25

GOVERNMENT IS YOUR BUSINESS (CH)

A dramatic presentation of a young man who dared everything to show that corrupt government is due more to the weakness of good people than to the strength of evil-doers.

i-j-h-c-a 30 minutes \$3.00

GRACIAS AMIGOS (OIAA)

Is the dramatic story of the contribution made by our neighboring Southern Republics to the winning of World War II by furnishing raw materials rapidly when other sources of the same materials were cut off—rubber, nitrates, quartz, sisal, tin and manganese are only a few of these.

h-c 20 minutes \$2.00

GRANDMA MOSES (AFF, Color)

Scenes of the life and works of Grandma Moses, American primitive painter, who reached the age of 90 in 1950. She is shown in her simple, busy life on a farm in upstate New York where she paints, prepares her own painting boards, and observes the landscape through the changing seasons. The last half of the picture is based on her paintings.

j-h-c-a 22 minutes \$3.00

GRASSLAND (USDA)

The problem of soil conservation on the grazing lands of the arid Southwest is discussed. Interesting photography of sheep and cattle on the range; approved methods of attack on the evils of overgrazing.

j-h-c 11 minutes \$1.25

GRAVITY (C)

This common, but important, subject is clearly presented in this film through the medium of a variety of everyday examples that all can understand and appreciate. Students are made aware of the force of gravity and are helped to understand its principles. Major effects of gravity on our solar system, tides, and on the effect of distance on gravitational pull are demonstrated and explained.

i-j 11 minutes \$1.25

GRAY SQUIRREL (EB)

One spring morning, Mrs. Gray Squirrel is seen scampering through the woods to her home in an old oak tree. Here she nurses her three babies, then one week old. Three weeks later, the three little squirrels are seen learning to play and climb. Mrs. Squirrel then builds a new summer home higher up in the oak tree. When the babies are two months old, they climb with their mother to the new nest. In another month, they are seen climbing about more easily and doing acrobatics. At six months of age, the squirrels are almost full grown and demonstrate their ability to crack and eat acorns. The film concludes with a winter sequence in which one of the squirrels engages in a thrilling race with a red fox.

p-i 11 minutes \$1.25

GREAT EXPECTATIONS

(TFC, Restricted to Classroom Use)

A school edition of the Dickens masterpiece, in which Henry Hull plays the role of Magwitch.

j-h-c-a 36 minutes \$4.00

GREAT HEART (TFC, Restricted to Classroom Use)

Tells the story of the leper colony of Molokai. In February, 1936, a U. S. Army transport leaves Hawaii to carry back, at the Belgian government's request, the coffin of a man named Joseph Damien de Veuster.

The scene shifts to March 19, 1864, when four young priests arrive in Hawaii to serve as missionaries. De Veuster, best known as Father Damien, ministers to his parish while each week a boatload of lepers is taken to Molokai. The Hawaiian government issues a decree to the effect that all non-lepers must leave Molokai immediately or remain forever.

Father Damien goes to the leper isle. For ten desperate years he labors. He digs their graves, builds new houses, and pipes in fresh water. But only a handful attend his chapel. One day, as he soaks his feet in a basin of hot water, he is shocked to discover that one foot cannot feel the hot water, and he realizes that he, too, is a leper. That Sunday he greets his flock with the words, "we lepers." The news is flashed throughout Molokai that Father Damien is one of them.

Both the commentary and the dramatic presentations are well handled.

general 11 minutes \$1.25

GREAT LIBRARY MISERY

(TFC, Restricted to Classroom Use)

All Mr. Smith wants is a library card—but they seem to be precious as gold; at least, Mr. Smith has his troubles getting one. And just as he gets it, it is taken away from him.

general 10 minutes \$1.25

GREAT WALTZ (TFC, Restricted to Classroom Use)

Excerpt from MGM's feature release on the life of Johann Strauss. Several of Strauss' world renowned waltzes are played.

j-h-c 22 minutes \$2.00

GREATEST GIFT, THE

(TFC, Restricted to Classroom Use)

The ancient story of the juggler in the monastery. Every spring the monks give beautiful gifts, made during the winter, to the Virgin Mary. The poor juggler, taken in by them during the winter, has no gift to give—but one morning in spring the monks find him juggling happily in front of the statue of the virgin at the altar. They are on the point of stopping him when the statue suddenly comes to life and reaches out her hand to bless the poor juggler. An excellent Easter film.

i-j-h-c-a 10 minutes \$1.25

GREECE (FF)

The heroic struggles of the people of Greece, both during and since the war, as well as the efforts being made for the re-establishment of economic and political order is shown.

j-h-c 16 minutes \$2.00

GREEK CHILDREN (EB)

Shows daily activities of a boy and girl in a fishing village of southern Greece. Portrays the chores of the girl and other womenfolk, and the boy's friendship with the village shepherd who teaches him to play the flute. Follows the boy and his father to Athens in a fishing boat, and ends with scenes of the Acropolis.

p-i 17 minutes \$2.00

GREEN DOLLARS (UI, Color)

Shows the value of a legume-grass program for Illinois farmers. Tells of the benefits of legumes for soil building, by turning them under for green manure, for erosion control and for pasture for dairy cattle, beef cattle, hogs and sheep. Methods of pasture renovation are shown; namely, getting rid of old sod, applying proper fertilizers, preparation of seed bed and seeding. The uses of various types of legumes and grasses are also shown.

c-a 44 minutes \$5.00

GREENER PASTURES (RAY, Color)

Pasture can be made to pay if given the same care as other farm lands. Outlines a four point program for pasture soil building; test soil to determine fertilizer requirements, rip up old sod to make good seed bed for new grass, seed locally adopted grass seed, and safeguard against overgrazing.

a 20 minutes \$3.00

GREENIE, THE (TFC, Restricted to Classroom Use)

As a group of boys come to know and understand a newcomer to their neighborhood, a Polish refugee lad, they overcome their initial prejudice and ridicule, and accord him a place in their circle.

j-h-c 10 minutes \$1.25

GREY OWL'S LITTLE BROTHER

(TFC, Restricted to Classroom Use)

This is a story of the friendship between a half-breed Canadian backwoodsman and a beaver. When the picture opens we see Grey Owl, the backwoodsman, launching his canoe. Once on the water he calls and the beaver appears. This is followed by a flashback to the beginning of the friendship. The baby beaver, left alone, is discovered by the man who brings it to his camp where he feeds him from a bottle. As the beaver grows, it learns to eat from a dish with its paws, cleaning and brushing itself thoroughly after each meal. Grey Owl does not want to domesticate the beaver,

so when it meets a mate, he lets it go. There are several scenes of the two beavers in the water. Grey Owl slaps the surface with his paddle and his pet appears, climbs into the canoe for food. An excellent sequence shows beavers constructing a winter home. They drag branches from the stream and cut them with their sharp teeth. Finally, they bring mud up from the bottom of the stream to fill in the crevices and to seal it securely against all marauders. There are close-ups of this work.

p-i-j 11 minutes \$1.25

GRINDING (GF)

Starts by showing that grinding is really a cutting operation. The main types of grinding machines are explained. Tool grinding, as form milling cutters, and reamers are shown. Thread grinding and form grinding are also included.

h-c 11 minutes \$1.25

GROUND WATER (EB)

Artesian wells, springs, water table, caves and wells are explained by animated drawings and illustrated photographically. Other phenomena such as geysers, springs, sink holes, petrification, concentration of useful minerals, and geode fillings are explained and illustrated by outstanding examples in the United States.

h-c 11 minutes \$1.25

GROUSE OF THE GRASSLANDS (EB, Color)

Shows the western Missouri booming grounds of the prairie chicken where is filmed the mating ceremonies of that species of grouse. Portrays the booming of the male, his strutting to attract the female, and his gorgeous mating-time coloration.

j-h 11 minutes \$2.25

GROW YOUR OWN (USDA)

The picture sets forth in a light vein the essentials of good gardening. Information is given on the preparation of the soil, how to lay out a garden, planting, transplanting, cultivating, weed and pest control, and watering. A "dream" sequence shows by stop motion photography how plants grow. The picture closes with a series of humorous "don'ts" designed to bring home, through exaggeration, the many pitfalls that might mar the success of an amateur gardener.

j-h-c 20 minutes \$2.00

GROWING GIRLS (EB)

Through case study and animation, tells the physiology of menstruation and indicates health practices pertinent to its periodic recurrence. A young girl is shown reacting to the onset of the period, and demonstrates proper exercise, diet and her relation to common experience through a menstrual period.

j-h 14 minutes \$2.00

GROWING YEARS, THE (ASF)

Depicts the story of Janet, a newcomer in town. Shows her Girl Scout activities, her family and Community Recreation Center and how all help Janet gain a feeling of security and "belonging."

i-j-h 20 minutes \$2.00

GROWTH OF CITIES (EB)

Portrays the natural influences affecting the location and growth of cities—harbors, water courses, raw materials and climate. Animated drawings trace the urbanization of the United States. The effect of location, business enterprises and power on the rate of growth of cities is shown.

i-j-h-c 11 minutes \$1.25

GROWTH OF FLOWERS (C, Color)

Through the magic of time lapse color photography the sprouting, blooming and dying of roses, orchids, jack-in-the-pulpits, daffodils and iris are illustrated.

general 10 minutes \$2.25

GUARDIANS OF OUR COUNTRY'S

HEALTH (F, Color)

The work of the Quarantine Stations of the U. S. Public Health Service. Shows what is done by doctors and quarantine inspectors at harbors, airfields and border stations to prevent the spread of disease by persons entering the United States.

h-c-a 16 minutes \$3.00

GUARDIANS OF THE SEA

(TFC, Restricted to Classroom Use)

Is the story of the U. S. Coast Guard which defends the shorelines and other possessions. Students study seamanship, engine operation, navigation, handling small boats, hydrographic work, etc. Work of the lighthouse division, part of the Coast Guard; demonstration of lifesaving crew at work; the breeches buoy; ice-breaking to open winter channels; the ice patrol in the North Atlantic; flying branch of the Coast Guard; and the work of the weather bureau are shown.

j-h-c 9 minutes \$1.25

GUIGNOL AND THE PIRATES (EB)

A charming story played by one of Europe's leading puppet troupes. The fair princess, held captive by pirates who have stolen her father's treasure, is rescued by the brave Guignol after pursuit over land and sea after various dire mishaps.

p-i 22 minutes \$2.00

GYMNASTICS (TFC, Restricted to Classroom Use)

Here champions of the Amateur Athletic Union perform with gymnasium apparatus. We see them do

difficult exercises on the flying rings, long horse, and high horizontal bar. Chinning on a vertical bar and on a horizontal bar, and tumbling are included. Many interesting shots are repeated in slow motion.

j-h-c 10 minutes \$1.25

GYPSY REVELS (TFC, Restricted to Classroom Use)

A film which reproduces music as known in the inns and music halls in Czarist Russia in which Yasha Bunchuk with an orchestra and singers, all in Russian costume, play and sing such characteristic Russian songs as "Dark Eyes," "Sighing Winds" and others.

i-j-h 11 minutes \$1.25

II — THE STORY OF A TEEN-AGE DRUG ADDICT (YA)

The case history of a teen-age boy and his fight with drugs — how he encounters drugs and becomes an addict, and how he solves his problem.

h-c-a 22 minutes \$2.00

HACIENDA LIFE IN OLD MEXICO (HFE, Color)

Portrays life in a community existing today which is practically self-sufficient without the aid of modern mechanization. Is an especially valuable picture for the study of community life in elementary grades.

p-i 11 minutes \$2.25

HACK SAWS (SCW)

Selection of blades for different metals and approved methods of use are demonstrated.

j-h-c 20 minutes \$2.00

HAIL COLUMBIA

(TFC, Restricted to Classroom Use)

Shown in this film are views of houses, statues, monuments, etc., related to American history from 1807-1819.

Among them are statues of Benjamin Franklin, Thomas Jefferson, George Washington, Andrew Jackson, and a number of others. We see the houses once occupied by Alexander Hamilton, John Adams, Lafayette, Jackson, and Jefferson. Also the site of the Battle of New Orleans and a plaque commemorating the invention of the steamboat are brought to view.

i-j-h 10 minutes \$1.25

HALLOWEEN (EB, Color)

The pleasant events associated with the preparation for Halloween. Part of a series of films about several holidays.

p 5 minutes \$2.25

HALOGENS, THE (C, Color)

Combines laboratory demonstration and lecture techniques to present the members of this important group and their properties, free and in their compounds.

h-c 11 minutes \$2.25

HAMMER (SCW)

Illustrates kinds of hammers and methods of use.

j-h-c 10 minutes \$1.25

HAND INDUSTRIES OF MEXICO (C, Color)

Pictures hand molding of roof tiles, making and decorating of glazed ornamental tiles, handmade shoes, lacquer work and fabrication of silver jewelry.

j-h-c 10 minutes \$2.25

HAND PLANE, THE (TOM)

Several types of hand planes are shown and their varied uses briefly explained. Then a cutaway jack plane is concentrated on, its parts are shown and named, and the tool is disassembled. Various adjustments that can be made in the plane are shown. The final quarter of the film shows the plane in use.

i-j-h 12 minutes \$1.25

HAND SAWING (JH)

In an outline of the manufacture of saws from the first made by man to the high grade steel saws of today, the difference between rip saws and cross cuts is pictured and explained, as well as their uses. The definition and use of the coping saw are shown and explained. The hack saw is described, from the adjustment of the blade to the methods of using the saw, and its uses in cutting metals.

j-h-c 20 minutes \$2.00

HAND SAWS: CROSSCUT AND RIP (TOM)

A cabinet maker and his apprentice are shown at work, and the uses of coping, panel, dovetail, and back saws are explained. Highly magnified views of the saw edges make vivid the difference between cross-cut and rip saws, and show what is meant by set of the teeth. A sequence is also devoted to showing safety in the use of this tool.

i-j-h 11 minutes \$1.25

HAND SOLDERING (USOE)

Explains the theory of soldering. How to prepare soldering irons and torches, how to clean and prepare the work, how to fasten the joints, how to solder wire and lug joints, and how to seal seams are shown.

j-h-c 20 minutes \$2.00

HANDICRAFT TOWN (ECA)

Maniago, a small town in northern Italy, is known the world over for the quality of its hand-wrought cutlery. But the tradition seemed on the point of dying out until E. R. P. funds restored the flow of coal and steel to Maniago. Production now is back to pre-war standards. Includes demonstration of the technique of knife-making by hand.

j-h-c-a 10 minutes Handling charge, \$1.00

HANDLE WITH CARE (OWI)

Emphasizes the increasingly important role chemistry plays in the war. Canada is now turning out more explosives in a period of six months than were turned out in the entire period of the last war. The workers, among whom are chemists, engineers and lab technicians, all combine their skills to turn out materials of annihilation. A part of the film shows the life around the plant. Workers are pictured in the many social activities and recreational facilities made available to them.

h-c 20 minutes \$2.00

HANNIBAL VICTORY (USDA, Color)

Documentary story of the voyage of the S. S. Hannibal Victory from San Francisco across the Pacific to Eniwetok, Lingayen Gulf, and Manila. Starting in Hannibal, Missouri, with the manufacture of railroad car wheels, the film shows the loading of the ship, the departure from San Francisco, the work and life of the merchant seaman during the long voyage across the Pacific, and the final unloading of the cargo in the Philippines.

general 60 minutes \$5.00

HAPPIEST MAN ON EARTH, THE

(TFC, Restricted to Classroom Use)

An authentic adaptation of the story, "The Happiest Man on Earth," by Albert Maltz, who won the O. Henry Memorial Award for the best short story of 1938.

j-h-c 9 minutes \$1.25

HAPPY FISHING GROUND (CTFL, Color)

Follows a group of fishermen up into the far northern Saskatchewan country—fishing at Lac La Ronge for Northern Pike, and then moving even farther north for other game fish. They go most of the way by air, flying over lakes never fished, lakes never seen by white man at close range. On the Fond du Lac river, in the extreme north, they fish for arctic grayling, a species formerly fairly widespread, but now disappeared from all but the most unspoiled waters. Good scenes of Northern Saskatchewan's almost untapped fish and game resources.

general 20 minutes Handling charge, \$1.00

HAPPY VALLEY (NFBC, Color)

The pastoral beauty, the delightful simplicity of child life with its love, attachment and devotion to domestic pets, farm animals, and creatures of the wild, are woven into a story that is outstanding in its appeal to the aesthetic and human side of mankind. This was filmed in the Annapolis Valley of Canada, known to millions as "The Land of Evangeline."

general 11 minutes Handling charge, \$1.00

HARE AND THE TORTOISE, THE (EB)

The well-known fable by Aesop is captured in all of its charm through natural photography. Additional characters such as a squirrel, a gossiping goose, a chattering rooster, a curious little raccoon, and a very wise old owl have been introduced to add color to the story.

p 11 minutes \$1.25

HARMONY IN MUSIC (C)

For beginning music classes. Explains how harmony enriches music. Shows its relationship to chords, how these chords are built, and how harmony—whether in instrumental or choral work—supports melody and rhythm to add vitality to and greater enjoyment of music.

i 11 minutes \$1.25

HARVEST FOR TOMORROW (USDA)

Describes the growth, decline, and rebirth of the soil of our country. It shows how the early farmers cleared the land and tilled the soil, always failing to put back into the soil what their season's crops had taken away. Several scenes depict the results of this bad habit. Finally, modern methods of agriculture are devised whereby the lime and the phosphorus, the two most important minerals in the soil, may be restored to the lands.

j-h-c 30 minutes \$3.00

HAT PARADE (PC)

A comprehensive story of the hat industry. Scenes of sport, travel, business—where fashion and style originate. Beavers, hares, a great rabbit drive in Australia, the principal source of hatters' fur; a short history of Danbury, the "Hat City," and scenes of ancient methods. Then unfolds the ingenious and little known operations in the forming, shaping, and finishing of felts, straws, Panamas, boys' hats, millinery bodies—a complete story "from fur to felt to fashion."

j-h-c 30 minutes Handling charge, \$1.00

HAUSA VILLAGE (BIS)

Hausa Village lies in Northern Nigeria and its inhabitants are Mohammedans. Many of their customs are primitive, but they apply themselves with so much

energy to farming and fishing that they thrive and prosper. The film presents a detailed picture of their daily life.

j-h-c 22 minutes \$2.00

HAWTHORNE AND WHITTIER (N, Color)

Scenes in Salem, Massachusetts including "The House of Seven Gables," with interiors; "The Old Manse;" Concord River; and "The Wayside." Also Whittier's birthplace, with the fireplace of "Snow-bound," and the Amesbury home, with interiors. Graves of both authors are shown.

h-c-a 11 minutes \$2.25

HAY IS WHAT YOU MAKE IT (USDA, Color)

Shows how hay quality is affected by time of cutting, curing and added value of hay due to this added care.

j-h-c 21 minutes \$3.00

HE ACTS HIS AGE (McGH)

States that a child's activities are an accurate gauge to his mental development. Traces the development of the child from the year-old baby bent on exploring the whole wide and wonderful world to the fifteen-year-old with problems of approaching adulthood. Shows that the different stages of development are definite, predictable stages that can be anticipated and understood. If we work at understanding how they behave at certain stages, we can give our children the right help at the right time.

c-a 13 minutes \$2.00

HEADSPRINGS IN THE GYM (EB)

Demonstrates the three fundamental parts of the headspring—the angle headspring, the push-up to the handstand, and the landing. Illustrates the use of a box and a mat as a base for the spring, and portrays a running start. Slow motion photography allows unhurried study of action and techniques.

j-h 11 minutes \$1.25

HEALTHY LUNGS (C)

By knowing the structure and work of the lungs, it is easier to understand how to care for them . . . to protect them from infection and injury. The film shows the part of the breathing mechanism in contact with the air—the windpipe, larynx, bronchial tubes, small air tubes and the tiny air sacs—and demonstrates how the exchange of waste products for oxygen takes place.

i-j-a 11 minutes \$1.25

HEAR BETTER: HEALTHY EARS (C)

Helps youngsters understand that "how they hear" is important to what they hear. In animation sequences,

the structure of the ear is detailed and the actual process of receiving air vibrations and transmitting them into "sound" is shown. General information on how to take care of the ears is also shown.

p-i 11 minutes \$1.25

HEART AND CIRCULATION (EB)

Deals with the mechanics of the pulmonary and systemic systems. Delineation of the heart action is shown by animation and natural photography. Amplified heart beat sounds and microscopic scenes of capillary action render the picture spectacular. Blood pressure and its relation to health is also vividly portrayed.

j-h-c 11 minutes \$1.25

HEART OF MEXICO

(TFC, Restricted to Classroom Use)

Shows life in the towns, beautiful scenery, ancient ruins of former civilizations, mountains, natives in their villages, ceremonial dances, etc.

i-j-h-c 10 minutes \$1.25

HEAT AND ITS CONTROL (USBM)

Emphasizes the importance of controlling heat and the many roles heat plays in present-day life, from driving locomotives and turbines to changing the structure of ores and metals. In contrast, the destructive power of unharnessed heat is depicted by the seething lava of the volcano and the desert wastelands. From a historical standpoint, the film pictures the worship of sun and flame in bygone years and the rescarch by James Watt, who perfected the steam engine.

h-c 11 minutes Handling charge, \$1.00

HEATING AND AIR CONDITIONING (VGF)

Views of air conditioning equipment being constructed, installed and serviced show the variety of jobs in this expanding industry. Types of heating equipment are explained, as are some of the tools used to increase the vocational value of the film.

h-c 10 minutes \$1.25

HEAVEN WITH A FENCE AROUND IT (S)

How a G.I. dreamed of having a farm and how he almost didn't get one, but through the help of some friendly people he made a successful start.

general 20 minutes \$2.00

HEIDI (TFC, Restricted to Classroom Use)

A school version of the 20th Century-Fox feature picture of the same name.

i-j-h 40 minutes \$4.00

HEIGHT GAGES AND STANDARD INDICATORS (USOE)

Presents the fundamental principles of the Vernier height gage, together with the various forms of standard indicators, and demonstrates their use. The care necessary to secure accurate measurement and the proper method of using the Vernier height gage are shown. A standard indicator is also shown when used with a gage block to check the depth of a cut.

h-c 11 minutes \$1.25

HEIGHTS AND DEPTHS (JH)

Shows the method of making engravings of various kinds, as a commentator explains the action seen on the screen. It begins with the making of reproductions from woodcuts and then proceeds to the method of making zinc etchings of a line drawing. Many of the scenes in the picture are taken in actual press rooms, and in modern newspaper plants.

j-h-c 9 minutes \$1.25

HELP WANTED (USBM)

Deals with the basic information contained in courses for beginners in first aid, and the techniques of first aid are shown in the first-aid station.

Scenes show typical incidents that may cause bleeding wounds; animated diagrams superimposed over actual photographs are used to illustrate blood circulation, pressure points, and treatment of bleeding. The film depicts treatment of burns, some accidents that may cause unconsciousness, compound fractures, and shock, and demonstrates procedures in artificial respiration and transportation of the injured.

j-h-c 32 minutes Handling charge, \$1.00

HELP YOURSELF (ALA, Color)

Shows the various facilities the public library offers and the many services it renders. Special services in the loan of ceiling projectors and books on film and in the bookmobile are also shown.

h-c-a 22 minutes \$2.00

HELPING CHILDREN DISCOVER ARITHMETIC (WU)

The discovery method is shown in operation from the start of a process, new to third grade children, to its completion several days later. Teachers may easily translate and apply the principles to their own situation.

c-a 20 minutes \$2.00

HELPING THE CHILD TO ACCEPT THE DO'S (EB)

Portrays the child learning to live in a world defined by the Do's, and explains how his personality is in-

fluenced by the extent to which the Do's are accepted. Illustrates, with life situations, the types of Do's the child must learn to accept: (1) the Do's for personal living, (2) the masculine and feminine Do's, and (3) the Do's for human relations. (For other films in this Personality Development Series, see *Baby Meets His Parents*, and *Helping the Child to Face the Don't's*.)

h-c 11 minutes \$1.25

HELPING THE CHILD TO FACE THE DON'TS (EB)

Reveals how the young child meets a world of Don'ts and how he reacts by conforming in his own distinctive ways—thus forming his own individual personality. Classifies the Don'ts as (1) those which protect the child from danger, (2) those which restrain him from taking things that belong to others, and (3) those which teach him to respect the rights of others. (For other films in the Personality Development Series, see *Helping the Child to Accept the Do's*, and *Baby Meets His Parents*.)

h-c 11 minutes \$1.25

HEN HOP (NFBC, Color)

An animated fantasy inspired by a very primitive type of barn dance music. Simple geometric elements build themselves up rhythmically into the shape of a hen.

general 4 minutes \$2.25

HENRY WADSWORTH LONGFELLOW (EB)

Portrays salient and representative events in the life of Longfellow—events which made secure his unique place in the world of literature. Describes his early love for poetry and his growing, full life as a teacher, scholar, and poet. Interposes selections from his poems and depicts incidents which inspired him to write several of his best known works.

j-h 20 minutes \$2.00

HERE COMES THE BAND (McGH)

The story of the University of Michigan band, including how candidates are picked, its collection of music and instruments, rehearsals, and the production numbers executed on the field at football games.

general 20 minutes \$2.00

HERE COMES THE CIRCUS (UW)

The great parade, daring acrobats, thrilling jumps and famous clowns of the Cole Brothers Circus.

p-i-j-h 10 minutes \$1.25

HERE IS THE GOLD COAST (BIS)

West Africa is energetically meeting the challenge to catch up with the modern world. In the Gold

Industrial Management

BARGAINING COLLECTIVELY INDUSTRIAL ORGANIZATION AND MANAGEMENT SERIES:

INTERNAL ORGANIZATION
MATERIALS CONTROL
PHYSICAL FACILITIES
PRODUCTION CONTROL
INDUSTRIAL PURCHASING



Coast, modern cities like Accra have progressed rapidly, but the hinterland is still primitive and poor. The British Government has allotted fourteen million dollars for the development and welfare of the colony. Work has already begun on the much needed wells, on scientific farming, on hygiene education, and on improving the general health of the people through adequate medical care and treatment. Education is being stimulated and more African children are attending schools.

general 35 minutes \$4.00

HEREDITY (EB)

In this film genetics as the fundamental basis of heredity is treated in its broad aspects. Animated drawings explain the process of mitosis and meiosis in relation to the genes. The concept of chance combination of sperms and eggs is illustrated in a simple way. Genotypes and phenotypes are shown in all cases and their relationship is explained. Three kinds of one-unit characters are taken up — heterozygous forms in cattle, coat color of guinea pigs, and rough fur in guinea pigs. The latter two also illustrate dominance. Guinea pigs

are used to demonstrate two unit characters. The film depends on animated drawings for its effectiveness.

j-h-e 11 minutes \$1.25

HEREDITY AND ENVIRONMENT (C)

A sound understanding of the influences that shape our lives is fostered here by presenting clear, visual examples of heredity and environment at work. Audiences learn the meaning of *heredity*, which gives us certain basic capabilities, and *environment*, which helps determine the extent and direction of our use of those capabilities. An overview of cultural inheritances, genetics, environmental influences and their interrelationships is presented.

j-h-c-a 11 minutes \$1.25

HEREDITY AND PRE-NATAL DEVELOPMENT

See

CHILD DEVELOPMENT: HEREDITY AND PRE-NATAL DEVELOPMENT

HERITAGE OF INDIA (PF)

Sources of India's varied cultures are visualized through visits to important buildings, including the conservatory built in Delhi in the 17th century by Jai Singh, and the famed Taj Mahal.

j-h-c-a 11 minutes \$1.25

HERITAGE WE GUARD, THE (NWLA)

This is one of the finest motion pictures ever made as an educational feature on behalf of conservation and the preservation of our wildlife and other natural resources.

i-j-h-c 30 minutes \$3.00

HIGH JUMP (C)

Demonstrates Western roll and Eastern roll, importance of proper approach, take off and body handling, applies some of these techniques to the high hurdles.

j-h-c 11 minutes \$1.25

HIGH PLAIN (OIAA)

Is the story of the typical great agricultural estate in the highest farming land in the world: Bolivia. A landlord, whose family has owned his land for three hundred years, is pictured in his control of the labor of five thousand workers who regard him almost as a deity. The film shows the stern life in this little kingdom with its own schools and churches, its limited and hard-won crops.

j-h-c 20 minutes \$2.00

HIGH SCHOOL: YOUR CHALLENGE (C)

High school is more than a place where you spend four years of your life. It is a place where you learn

to face problems and meet situations that will come to you later. The story is of one boy who almost quit high school, but was talked into keeping on—and is now glad.

j-h 15 minutes \$2.00

HIGH WALL, THE (McGH)

A careful study of one of the ways in which prejudice starts. A frustrated, insecure boy, whose home life has allowed him no freedom to develop as a normal person, has become conditioned to hate any person or group different from him or his group. This feeling helps relieve his feeling of insecurity. No easy solution is offered to the problem; the way is open for an intelligent discussion of the way in which home attitudes build tension and discrimination.

general 30 minutes \$3.00

HIGHLAND HOLIDAY (NFBC, Color)

Through the National Park area of Cape Breton Island winds 70 miles of the famous Cabot Trail. Camping and picnic grounds along the way ask the holiday-maker to linger in a land of wooded lanes, clear streams, and coastal fishing villages to charm the artist. Atlantic salmon and speckled trout make excitement for the fisherman and, for truly dramatic sport, there is sword-fishing and tuna-fishing.

general 10 minutes Handling charge, \$1.00

HIGHLANDS OF THE ANDES—PERU (UW)

This film lesson is based on the geographic principle that the highest settlements in mountain regions are usually associated with mining, but where groups of people living at high altitudes depend only upon agriculture, they lead a barren and difficult life. We see the difference in the kind of life led by the Peruvian Indian doing his best to eke out a bare subsistence from meager crops and few domestic animals, and the Indians who work in the operations of the mines. This film takes us right into the copper mines at Cerro de Pasco, virtually at the top of the world.

i-j-h 22 minutes \$2.00

HIGHLIGHTS AND SHADOWS (E)

An exceptional film showing the manufacture of cameras, film, and related processes in the different Eastman Kodak plants.

j-h-c 50 minutes \$5.00

HIGHLIGHTS OF THE UNITED NATIONS 1947-48 (FPS)

Brings the reality of the everyday achievements of the UN to light—the unspectacular cooperative work amongst nations that goes on in the areas of health, relief, food and agriculture, and the care of children

and displaced persons, as well as the slow cementing of economic and political unity.

general 10 minutes \$1.25

HIGHWAY MANIA (RKO)

Points out many of the problems of traffic control, the lack of uniform laws in the various states, the qualification for the driving of incompetent people, the licensing of teen-agers who have not achieved the sense of responsibility or the maturity necessary for safe driving, and the different forms of licensing drivers.

j-h 17 minutes \$2.00

HIGHWAY OF FRIENDSHIP

(TFC, Restricted to Classroom Use)

A newsreel cameraman takes the 9200 mile trip along the Inter-American Highway from Laredo, Texas, to the Argentine. The scenic shots are excellent and the commentary describes fully the origin of the plan to build the road, the cooperative method of construction, and the significance of the project in relation to inter-American solidarity.

j-h-c 10 minutes \$1.25

HIGHWAYS NORTH (NFBC)

A comprehensive picture of wartime development in Alaska and the Canadian Northwest, showing how the vast problems of communication and transport were solved. A chain of flying fields has been established from Edmonton to the Yukon; helping to drive a great spearhead of civilization through territory which only yesterday was still unknown.

i-j-h-c-a 15 minutes \$2.00

HILL CAPITAL, THE (CID)

First motion picture record of the interior of the Sabre Tooth Relic, a Buddhist shrine of Kandy, Ceylon. Shows brief glimpses of Ceylon, Ceylon University, primitive farming and industrial methods, native dances, religious ceremonies and the beautiful pageant of Para Hara.

h-c-a 25 minutes \$3.00

HILL TOWNS OF GUATEMALA, THE (OIAA)

The fascinating life of several small towns perched on the slopes of an extinct volcanic mount are vividly portrayed.

i-j-h-c 11 minutes \$1.25

HINDU FAMILY (EB)

A story centering around the marriage of a young girl living in the province of Gujarat, India. Dramatically illustrates important aspects of Hindu life including school, home, clothing, and preparation of a meal. Depicts the village goldsmith, potter, and weaver at their work, and emphasizes the role of religious ceremony in the daily lives of the people.

i-j-h 11 minutes \$1.25

HISTORIC NEW ENGLAND (EB, Color)

Scenes of historic landmarks in the six New England states, as well as views of the industries which exist there today.

j-h 21 minutes \$3.00

HISTORIC ST. PAUL'S (BIS)

This is a picture of St. Paul's Cathedral, past and present: St. Paul's rebuilt by Sir Christopher Wren after the Great Fire of London, and St. Paul's the shrine of a nation's heroes—Nelson, Wellington, Roberts, Kitchener, Jellicoe, and Beatty. The film shows recent historic occasions and the great dome riding high above the blitz of 1940.

general 14 minutes \$2.00

HISTORIC SWITZERLAND-RHONE VALLEY (NA)

Switzerland, in the heart of Europe, has been a democracy for over 650 years. Because the Rhone River Valley has been the setting for so much of Switzerland's rich history, her struggle for independence, and her tales of heroism, this film on the Rhone valley reveals much of the country's ancient and modern history, its scenery, traditions, work of the people, architecture, and great men.

j-h-c-a 22 minutes \$2.00

HISTORIC VIRGINIA

(TFC, Restricted to Classroom Use)

Introduces Wakefield, where George Washington was born, his Mount Vernon home, and the home of Thomas Jefferson at Monticello. Shows the reconstruction of Williamsburg; the Palace of the Royal Governors, with its garden; the Raleigh Tavern; the battlefield of Yorktown; and many other historic and interesting scenes.

i-j-h-c-a 10 minutes \$1.25

HISTORY BROUGHT TO LIFE (P)

Shows the work done by Hollywood research experts in bringing accuracy of mood and detail to motion picture versions of historical periods. Top stars appear in this film narrated by Cecil B. DeMille.

j-h-c-a 11 minutes \$1.25

HISTORY OF WRITING (EB) (Originally produced for the British Ministry of Education)

Presents a chronological history of writing as a means of communication. Shows ways in which writing evolved from pictures and signs and illustrates that local materials used as writing tools influenced the methods of sign making and writing. Explains that symbols for objects and ideas became symbols for sounds. Depicts and analyzes significant features of

early Chinese, Mesopotamian, and Egyptian writings. Stresses contributions of Phoenicians, Greeks, and Romans to our present alphabet.

j-h-c-a 28 minutes \$3.00

HIT AND RUN DRIVER (TFC)

This is a Metro-Goldwyn-Mayer production. The film shows methods of tracking down hit and run drivers.

j-h-c 20 minutes \$2.00

HITS OF THE NINETIES (Castle)

The Rhythm Masters sing as words appear on the screen. Songs are "Somebody Loves Me," "I'll Take You Home Again, Kathleen," "After the Ball Is Over," "When You Were Sweet Sixteen," and "Ta ra ra Boom Daré."

general 10 minutes \$1.25

HITTING IN BASEBALL (EB)

Employs the best of film production techniques to provide a valuable learning experience in hitting for students of baseball. Professional players demonstrate every essential detail of effective batting, and the film utilizes many of its own unique devices to make these details remarkably clear. Slow-motion, stop-motion, and close-up photography add to the effectiveness of the film, and superimposed drawings help in clarifying otherwise difficult techniques.

j-h-c 11 minutes \$1.25

HOLIDAY AT WASKESIU (NFBC, Color)

Two girls on vacation discover the attractions of Waskesiu in Prince Albert National Park, Saskatchewan, where delightful scenery and fine sports facilities combine to offer a memorable holiday in the sun. During the long bright days they swim, fish and canoe, while theatricals in the community hall and other special entertainments lend variety to the summer evenings.

general 11 minutes Handling charge, \$1.00

HOLIDAY CAROLS (C)

Traditional carols are sung by a choir and presented against appropriate Christmas backgrounds. The words are flashed on the screen for community singing.

general 11 minutes \$1.25
(one day only)

HOLIDAY IN MANITOBA (NFBC, Color)

A summer vacation at Riding Mountain National Park in Manitoba means a happy outing for the whole family, since facilities for all sorts of sports are provided here in a setting of great natural beauty. Following a car full of visitors through the Park gates,

the film shows us the neat lodges and camps where they can settle down in comfort for a holiday filled with swimming, boating, fishing and other pleasures. A glimpse of the Park's birds and bison suggests the wildlife that flourishes here, while pictures of Clear Lake and of shady bridle paths offer a sample of the delightful scenery.

general 11 minutes Handling charge, \$1.00

HOLIDAY ISLAND (NFBC, Color)

Beausoleil Island, largest in the Georgian Bay island group, makes a happy holiday land for children from Canada and the United States. Summer camps are carried on by various youth and welfare organizations. The youth campers, as the film shows, find fun in many activities — swimming, games, learning some of the interesting secrets of woodcraft and going on healthful hikes.

general 10 minutes Handling charge, \$1.00

HOLMES, EMERSON, AND THOREAU (N, Color)

Historical landmarks in New England connected with the lives of these three authors. The birthplace and later home of each author is shown, as well as his grave. Photographed in Boston and Concord, Massachusetts.

h-c-a 11 minutes \$2.25

HOME COOKERY OF FISH (EB)

Pictures boiling, broiling and baking of fish in fillets, steaks and whole fish. Also included are uses of sauces and garnishes.

j-h-c 10 minutes \$1.25

HOME ELECTRICAL APPLIANCES (EB)

Scientific principles involved in the operation of common home electrical appliances are studied. The circuit of wiring from the main switch to the meter, the fuse box, and the service outlet is shown. The electric iron is used as representing one of the most common electrical appliances, and sequences showing the principles of electricity used in lamps and motors are also included.

j-h-c 11 minutes \$1.25

HOME LIFE IN SZECHWAN PROVINCE — CHINA (UW)

The Szechwan Basin of China is seen to be a densely populated country, where farm land is scarce and an intensive subsistence type of agriculture is the characteristic means of livelihood. The people engage in back-breaking labor to achieve only a marginal existence. Every bit of available land is used for farming. Rice is a dominant crop for it provides more food value per acre than any other type of grain. The food is grown for consumption at home. A few items are

grown for trade to purchase or barter for things that cannot be grown or produced on the small farm belonging to each family.

i-j-h 22 minutes \$2.00

HOME MANAGEMENT: BUYING FOOD (YA)

Explains the basic elements of good "buymanship." Discusses the important factors of quantity buying, understanding the descriptive labels on canned goods, seasonal buying, and the guiding factors in buying meats.

h-c-a 11 minutes \$1.25

HOME MANAGEMENT: WHY BUDGET (YA)

Discusses the importance of the budget to individuals and families of all income levels. Explains what the budget is, how it is set up in relation to needs and income, and what is to be gained by following a well-planned budget.

h-c-a 11 minutes \$1.25

HOME NURSING (EB)

Factors involved in the hygienic care of a home patient after instruction from a visiting nurse are outlined. Demonstration of bathing and moving the patient in bed; arranging the bed; and generally making the patient comfortable are shown. Taking of temperature, pulse and respiration rates, and their recording, medications; visits by the doctor and helping the patient gradually to regain strength conclude the presentation.

j-h-c 11 minutes \$1.25

HOME OF THE FRENCH CANADIANS — ST. LAWRENCE RIVER LOWLANDS (UW)

Where the climate makes it possible, low fertile land along rivers makes good farm land. When settled by people with a common language, religion, and other ethnic ties, river lowlands tend to maintain their cultural homogeneity for long periods of time. In Papa Paradis and his family, who live in the village of St. Pierre, and are the central characters in this film story, the picture demonstrates how these principles operate in French Canada. The lower St. Lawrence River is wide and navigable, with fertile land on both sides. Farm life in this valley reflects the influence of French culture. The cool, moist climate is good for dairying. Nearby cities such as Quebec and Montreal help to make this type of occupation profitable.

i-j-h 22 minutes \$2.00

HOME SAFE HOME (NSC)

How many little things can cause accidents in typical American homes. Every member of the family can help avert tragedy.

general 11 minutes \$1.25

HONEST WOODSMAN, THE (C)

Specially created puppets for motion pictures are employed in this unusual version of the well-known fable of an honest woodsman and his meeting with the god of good fortune, Mercury. Educational as well as entertaining, this film is suitable for groups of all ages. Other fantasies in this series are: Legend of the Pied Piper, Cow and the Sprite, King Midas and the Golden Touch, Rumpelstiltskin.

general 11 minutes \$1.25

HONEYBEE (EB)

Unusual photographic effects describe the development of the honeybee with due emphasis on the roles of the workers, the queen, and the drones. Egg, larvae, and cocoon stages in the lives of the workers are shown in detail. The metamorphosis of the queen, including a fight to the death with a rival queen, is dramatically revealed. Swarming, the building of a new comb, and honey making follow in natural sequence.

j-h-c 11 minutes \$1.25

HOOVER DAM (UW)

The building of Hoover Dam on the Colorado River—an engineering achievement resulting in irrigation water for the farmers, electrical power for industry, and better living for all the people of the Southwest. A lesson in conservation of natural resources and in democratic cooperation.

h-c-a 33 minutes \$3.00

HOPI ARTS AND CRAFTS (C, Color)

Scenes in color illustrate textile and basket weaving, turquoise cutting and polishing and one sequence shows in detail Hopi pottery making operations.

i-j-h 10 minutes \$2.25

HOPI INDIAN (C, Color)

Unusual scenes of a tribal wedding ceremony, household activity of the women and outdoor activity of the men.

i-j-h 10 minutes \$2.25

HORACE MANN (EB)

Episodes in the life of the "father of the common schools." Reviews his activities as teacher, lawyer, state senator, board of education member, and college president. Emphasizes his great work in pointing up the need for well-built schools, good textbooks, democratic methods of learning, schools for teachers, and universal education in the United States.

j-h-a 22 minutes \$2.00

HORSE AND ITS RELATIVES (C)

After seeing a saddle horse and draft horse, we visit a pony, burro, zebra and tapir.

p-i 10 minutes \$1.25

HORSE RAISING (F, Color)

This color film is a good illustration of man's greatest work-partner, the horse. The points of a fine horse are brought out, the importance of proper treatment is stressed, and the importance of correct bits, bridles, and harness is shown.

i-j-h-c 11 minutes \$1.25

HORSEMEN OF THE PAMPAS—ARGENTINA (UW)

Except for the soft, musical Spanish language you hear among the gauchos or perhaps the sight of their strange baggy trousers, you have the impression that you are on a great Texas ranch. Throughout these scenes of people of the Pampas there is an ever-mounting impression of the vastness of this level, stoneless and nearly treeless plain. This high, grass-covered plateau is especially suited to grazing operations. There is an inescapable picture of the Great Plain's influence upon its people and its impact upon an entire nation.

j-h-c 20 minutes \$2.00

HORSEPOWER (JH)

In this picture we learn what is meant by the term horsepower, how it originated, and how it applies to the automobile.

We go back to the days of James Watt in 1769 when he conducted a series of experiments to show just how much weight a horse could be expected to lift in a given length of time. The horsepower unit was used by Watt to determine the amount of work that could be expected from his steam pump in comparison with horse operated pumps. Today the efficiency of all machinery is measured by these units.

Feature by feature, part by part, cylinder by cylinder, the film shows how the horsepower of automobile engines has been increased.

j-h-c 8 minutes \$1.25

HOT ICE (SF)

Shows the growing-up of a sport—ice hockey. The development of hockey, from "shinny" on the school pond to the excitement at the Garden, as Toronto and the Rangers clash in the "fastest game on earth."

j-h-c 11 minutes \$1.25

HOT-HEAD, THE (JH)

This picture deals, in the main, with problems of efficient fuel combustion in the automobile. Actual

laboratory tests show the results of complete and incomplete burning of carbon. And we are shown how engine design influences the combustion efficiency. The film shows that, in the automobile, efficient burning of gasoline is produced by "breaking" the liquid into tiny drops completely surrounded by air.

The four stroke cycle principle of the internal combustion engine is explained. Explained also is the valve-in-head engine design which is shown to be one way of producing greater combustion efficiency and reducing power waste.

Animated drawings and cutaway pictures show how the fuel mixture flows into the combustion, how the removal of gases is effected, and how fuel mixture can be controlled.

j-h-c 10 minutes \$1.25

HOUSE I LIVE IN, THE (YA)

Frank Sinatra stars in a dramatic appeal for tolerance. In this Academy Award winner, Sinatra impresses a group of boys with the real meaning of democracy for all.

j-h 10 minutes \$1.25

HOUSE OF ROTHSCHILD, THE

(TFC, Restricted to Classroom Use)

This excerpted version of the feature film tells the story of the part played by the famous banking house in financing the campaigns of the Allied Powers against Napoleon and highlights the importance of finance in warfare. It also provides dramatic visualization of the injustice of social discrimination.

j-h-c 34 minutes \$3.00

HOUSE OF SEVEN GABLES, THE

(TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Nathaniel Hawthorne's book.

h-c 40 minutes \$1.00

HOUSE OF SQUIBB — Rx (Squibb)

This is a non-technical documentary picture designed for lay-audiences of all age levels. It portrays the spirit of progress and forward looking research inherent in all branches of modern medicine. Highlighted particularly are the painstaking care and ceaseless research of the modern pharmaceutical industry for new and better methods to bring within the reach of all, at minimum cost, drugs which relieve suffering, restore health and prolong life.

j-h-c-a 20 minutes Handling charge, \$1.00

HOUSEFLY, THE (EB)

The film tells the complete story of this common but extremely dangerous pest. The four stages of the fly's life cycle are shown — egg, larva, pupa, and adult. Its

activities as a carrier of disease germs are presented vividly. The picture illustrates effective means for eliminating the fly menace. Special emphasis is laid on community action. This film is highly recommended for use in health education as well as in science.

i-j-h 11 minutes \$1.25

HOUSING IN CHILE (OIAA)

In showing how one country is solving its housing problem, the movement of one particular family from a substandard tenement district to a modern low-cost housing unit is followed. The film treats all substandard units which are being displaced and the modern facilities which are replacing them.

h-c 20 minutes Handling charge, \$2.00

HOW A BILL BECOMES A LAW (PF)

A step-by-step visualization of the parts played by the ordinary citizen, his legislators and the Chief Executive in the making of our laws.

j-h-a 22 minutes \$2.00

HOW A FISHING PEOPLE LIVE (KB)

The story of a primitive people who depend almost entirely on the sea for a livelihood and the tragedy which befalls when the fish catch fails are shown. This is a story of North Pacific waters.

i-j-h 11 minutes \$1.25

HOW A HUNTING PEOPLE LIVE (KB)

Life among the Mongol people who live in the Tiogas of Siberia is portrayed. The main features of the economy of a people who live off the animals of the forest are depicted.

i-j-h 11 minutes \$1.25

HOW ANIMALS DEFEND THEMSELVES (YA)

Deals with the way in which animals have become adapted for protection against other animals and Nature. Examples of protection or defence mechanisms are shown — speed and agility, tough shells and hides, sharp claws and beaks, camouflage and mimicry.

i-j-h 11 minutes \$1.25

HOW ANIMALS EAT (YA)

Explains the concept of how animals have become adapted for food-getting in order to survive. Deals with such special food-getting adaptations as teeth, claws, beaks, poison mechanism, webs, and others.

p-i-j 11 minutes \$1.25

HOW ANIMALS MOVE (YA)

Deals with the way in which animals are adapted for moving about in order to get food and to survive.

It points out the various ways in which animals have become adapted to move about and solve the problems of their environment.

p-i-j 11 minutes \$1.25

HOW BILLY KEEPS CLEAN (C)

Billy discovers the skills involved in, and the relationship of, cleanliness to proper health habits. Intended to show boys and girls how to keep themselves clean and to motivate interest in keeping clean by explaining why cleanliness is important to good living.

p 10 minutes \$1.25

HOW DO YOU DO (YA)

Points out how we have more enjoyment out of life by being sure of ourselves in social situations, and demonstrates the rules to be observed in one such situation — introducing and meeting people.

j-h 15 minutes \$2.00

HOW DO YOU KNOW IT'S LOVE? (C)

The purpose of this picture is to give young people a basis for thinking clearly about "being in love." It is clearly shown that the mere feeling of attraction is not enough for a happy marriage. Further, the film explains that there are certain factors that can help you judge whether or not your love is mature. It shows how love grows through normal, typical stages. It lays the basis for understanding, discussion, insight, and judgment of this problem which affects all young people.

h-c-a 15 minutes \$2.00

HOW DO YOU ZOO (SF)

Pictures of animals in the St. Louis Zoo — bears, monkeys, elephants and many others.

p-i-j-h-c-a 10 minutes \$1.25

HOW EFFECTIVE IS YOUR READING? (C)

Though students vary widely in reading skills, this film will help each improve his reading habits, for faster reading and for better comprehension. Skimming for overview; fast reading for general understanding; slow, careful reading for precise information, and other important techniques are presented to help the student in various reading situations with different types of materials.

j-h-a 11 minutes \$1.25

HOW FRIENDLY ARE YOU? (C)

The manners by which young people cultivate friends are often obscured by the artificial bonds of belonging to a clique or school "crowd." This motion picture sets out to present some of the values of being friendly and encourages the broadening of one's range of friends. Friendliness is shown to be a two-way

proposition involving generosity, consideration and a sincere interest in other people.

i-j 11 minutes \$1.25

HOW GREEN WAS MY VALLEY

(TFC, Restricted to Classroom Use)

An excerpted version of the feature film based on Richard Llewellyn's novel. It is the story of the boy Huw, remembering Wales when it was green and not overrun with mines. A presentation of the vast sociological problems of our industrial era.

h-c-a 33 minutes \$3.00

HOW HONEST ARE YOU? (C)

Students usually understand that honesty is a good thing; they don't have much trouble with simple honesty. But in some situations, honesty is a much deeper problem and it is this type of situation that is analyzed in this film. From it, audiences are able to draw certain conclusions about what honesty is and how a person may apply the test of honesty to his thoughts and actions.

i-j-h-a 15 minutes \$2.00

HOW MAN MADE DAY (C, Color)

The use of kindle-lights, teapot lamps, candle making and some problems of city lighting are presented. The effect of the development of the Argand lamp and gas burner is pictured and the film ends with fluorescent artificial lighting.

j-h-c 10 minutes \$1.25

HOW NATURE PROTECTS ANIMALS (EB)

Presents and describes various ways by which animals are provided with devices to conceal themselves, either for the purpose of protection, or as a means of securing food. Examples are given of natural protection through fleetness of foot, mimicry, protective coloration, armor and secluded homes. Included are: rabbit, raccoon, giraffe, tiger, lion, zebra, goat, pheasant, looper caterpillar and the bee hawk moth.

i-j-h 11 minutes \$1.25

HOW RAYON IS MADE (AVC)

Shows detailed steps in manufacture of both viscose and acetate rayon, starting with raw material, to finished yarn and staple fiber.

j-h-c 15 minutes Handling charge, \$1.00

HOW RUSSIANS PLAY (IFF)

Russian people in amusement parks; zoos; theaters; museums and art galleries; excursions; camps; bathing beaches and mountain hikes; the popular Russian game, Gorodki; Russian soccer; and the International Youth Day celebration are shown.

i-j-h-c-a 18 minutes \$2.00

What Greater Gift

An inspiration for those considering
teaching as a vocation.

30 MINUTES RUNNING TIME

\$4.00 PER WEEK



HOW TELEVISION WORKS (UW)

Explains the elementary principles of television. An excellent concert pianist is televised. The action of the television cameramen and other technicians is shown and explained. Animated sequences explain the workings of the TV camera, the vacuum tubes, the flow of electrons into the mosaic and the amplifying and receiving systems. The transmitting aerial and family scenes before the television set complete the cycle of transmission.

j-h-c-a 10 minutes \$1.25

HOW THE DESERT PEOPLE LIVE (KB)

Deals with life among the wandering tribes of the Sahara Desert and the people of the deserts of Turkestan and Gobi. In conclusion a battle between a caravan and a sand storm is shown.

i-j-h 11 minutes \$1.25

HOW THE EYE FUNCTIONS (KB)

The film presents the latest facts regarding "accommodation," or focal adjustment, preceded by introductory anatomical matter and illustrated by means of animated drawings. The presentation makes it readily acceptable for regular classroom.

h-c 11 minutes \$1.25

HOW THE RESPIRATORY SYSTEM FUNCTIONS (B)

Explains air passages and their functional purposes. Mechanism of breathing, action of the ribs and diaphragm are shown by animated diagram. Necessity of proper posture, exercise, plenty of fresh air and rest are emphasized.

j-h-c 11 minutes \$1.25

HOW TO ADD FRACTIONS (JHP)

Covers the subject matter area of a brief review of the definition of a fraction, how to add fractions which have a common denominator, how to add fractions which do not have a common denominator.

p-i 11 minutes \$1.25

HOW TO AVOID MUSCLE STRAINS (B)

Using live models and animated drawings, illustrates the mechanics of muscular activities. Shows the analogy between the three types of levers and certain arrangements of bones and muscles in the human body. Shows the correct and incorrect ways of lifting objects and illustrates the effects of overstrain on the vertebral column. Concluding section deals with the difficult subject of hernias.

h-c-a 15 minutes \$2.00

HOW TO BE WELL GROOMED (C)

Don and Sue are two young people anyone would look at and want to know. This film shows how they improve their personal appearance through constant attention to good grooming habits. It will demonstrate to students the four fundamentals of appearance: good health, good posture, cleanliness, and neatness. With Don and Sue as living models, they realize that in friendships and in business, success depends a great deal on how you look.

j-h 10 minutes \$1.25

HOW TO BRAZE ALUMINUM (USBM)

Discusses process of joining thin aluminum sections by means of brazing. Illustrates furnace brazing, dip brazing, and torch brazing and defines differences between brazing and welding.

7 minutes Handling charge, \$1.00

HOW TO BUILD AN IGLOO (YA)

A demonstration of igloo building in the far North showing how the site is selected and how the blocks of snow are used to make a snug shelter against the Arctic cold. Two eskimos staying overnight at a trading post construct an igloo in an hour and a half. The commentary explains why the snow must be carefully chosen, why the blocks are built up in a spiral, and how the completed igloo is ventilated.

p-i 11 minutes \$1.25

HOW TO CATCH A COLD (ASF, Color)

Shows how colds are spread, how a day or so in bed helps protect the entire community, and how a simple cold may actually be the first symptom of a far more serious illness. Champions no remedies.

p-i-j-h-c-a 10 minutes \$2.25

HOW TO CHANGE FRACTIONS (JHP)

Covers the following subject matter—a definition and demonstration of equal fractions, an explanation of how to find an equal fraction with higher terms, an explanation of how to find an equal fraction with lower terms, and a demonstration of lowest terms.

i 11 minutes \$1.25

HOW TO CONCENTRATE (C)

All too often there are so many sources of distraction, so many conflicting centers of interest that concentration on studies, business or personal matters seems to be difficult or even impossible. With an understanding of how to concentrate, however, much can be done to overcome the bad effects of distractions. Audiences will learn, for example, to select one thing upon which to concentrate and to give it full attention. Then by following other "habits" the ability to give proper attention to a task will be developed.

j-h-c-a 11 minutes \$1.25

HOW TO CONDUCT A DISCUSSION (EB)

Clearly explains some of the basic principles of method which discussion leaders can use in order to insure effective and satisfying group discussion. Each principle is dramatized simply and forcefully.

c-a 25 minutes \$3.00

HOW TO CONDUCT A MEETING (UW)

Proper procedure to be followed in conducting a meeting so that the decisions reached will be representative of majority opinion. Produced for civilian use in occupied areas.

h-c-a 20 minutes \$2.00

HOW TO DEVELOP INTEREST (C)

Developing interest is not only a teacher's job—but also the responsibility of individual class members.

Demonstrates how responsibility can be met. It will help answer many practical classroom problems; but more, it can lead to more rich and meaningful study.

j-h 11 minutes \$1.25

HOW TO DIVIDE FRACTIONS (JHP)

Covers the following subject matter—the meaning of division, the rule for dividing by a fraction, showing why we invert the divisor and multiply, and examples of how to use the rule.

i 11 minutes \$1.25

HOW TO DRAW CARTOONS: ACTION (LF)

Shows how to make cartoon figures portray action.

j-h-c-a 10 minutes \$1.25

HOW TO DRAW CARTOONS: ANIMALS (LF)

Shows how to draw dogs, cats, horses, donkeys, lions, tigers, etc., in cartoon style.

j-h-c-a 20 minutes \$2.00

HOW TO DRAW CARTOONS: COMPOSITION AND STORY (LF)

Tells how to weave cartoon characters and their actions into a story.

j-h-c-a 10 minutes \$1.25

HOW TO DRAW CARTOONS: FIGURES (LF)

An artist gives pointers on drawing basic cartoon figures.

j-h-c-a 20 minutes \$2.00

HOW TO DRAW CARTOONS: HANDS, FEET, CLOTHING, AND DRAPES (LF)

In the cartoon figure many moods and expressions are created by hands, feet and clothing.

j-h-c-a 20 minutes \$2.00

HOW TO DRAW CARTOONS: HEADS AND EXPRESSIONS (LF)

Show how to give life and expression to their basic cartoon figures.

j-h-c-a 20 minutes \$2.00

HOW TO FIND THE ANSWER — MATHEMATICAL PROBLEM SOLVING (C)

This film makes an important contribution to clear thinking for it encourages a systematic attack on mathematical problems both in and out of school. In so doing, it offers students an excellent exercise that can be utilized in solving problems in any subject. Here is presented and demonstrated a clearly defined procedure for working out problems after they have been established.

j-h 11 minutes \$1.25

HOW TO GET COOPERATION (C)

Necessity for group action in our society makes this film especially important to both students and adults. It shows how cooperation from others can be enlisted if certain basic considerations are made. The need for a variety of methods of securing cooperation is demonstrated while showing how desired ends can be reached more easily with cooperation of others.

j-h-c-a 11 minutes \$1.25

HOW TO GIVE AND TAKE INSTRUCTIONS (C)

Shows the importance of knowing how to give good, clear instructions and how to take and use instructions. Presents five basic skills necessary for clear and effective communication and instructions, including the ways to give and also to receive them.

j-h-c-a 11 minutes \$1.25

HOW TO INVESTIGATE VOCATIONS (C)

Intended to motivate youngsters to investigate vocations and determine which kinds of work they are best suited for. How to interpret vocational guidance tests, how to apply this information to different vocations, how to raise questions related to a specific job, and how to gain actual job experience are all visually portrayed.

h 10 minutes \$1.25

HOW TO JUDGE AUTHORITIES (C)

This film interests students in the conflict which they will inevitably find between the opinion of different authorities on the same subject. Although authorities differ, their opinions are of great value in coming to a conclusion on any problem.

j-h-c 11 minutes \$1.25

HOW TO JUDGE FACTS (C)

A film which will help students in every class to distinguish between pure opinion and the actual facts about the things that they learn in school as well as in the world about them.

j-h-c 11 minutes \$1.25

HOW TO KEEP A JOB (C)

Job success means getting along with fellow-workers, conduct of work, attitude toward supervisors and employing company, and several other factors which this film explains vividly in the context of a fascinating story.

h-c-a 11 minutes \$1.25

HOW TO MACHINE ALUMINUM (USBM)

Instructions on use of hand tools, cutting compounds and power equipment.

j-h-c 32 minutes \$3.00

HOW TO MAKE HANDMADE LANTERN SLIDES (IU, Color)

The introduction shows the types of lantern slide which will be produced in the film—etched, glass, plastic, translucent paper, cellophane, gelatin, and silhouette. Different teachers demonstrate how to make each kind of slide. The closing sequence is a visual review of the techniques shown in the film, as demonstrated by students participating in the production of handmade lantern slides.

j-h-c 22 minutes \$3.00

HOW TO MULTIPLY FRACTIONS (JHP)

Covers the following subject matter—a brief review of the meaning of multiplication, a presentation of the rule for multiplying fractions, and an explanation of why the rule works.

i 11 minutes \$1.25

HOW TO OBSERVE (C)

Here is a film that will be welcomed as an important contribution to effective study habits for it demonstrates the importance of observation as basic to learning the sciences and the arts. In this production, students are shown that observation can be developed as a skill and can be improved through applied and guided practice. The “tools” for observation are presented, completing a well-rounded motivational and instructional presentation of the subject.

j-h-c-a 11 minutes \$1.25

HOW TO OPERATE MIMEOGRAPH DUPLICATOR 91 (BEF)

Shows in detail, with many closeups, the preparation of stencils on the typewriter, the use of the illuminated drawing board or mimeoscope, the operation of the mimeograph duplicator in all its phases, the care of the machine, and samples of excellent reproduction.

h-a 20 minutes \$2.00

HOW TO OPERATE THE ARMY 16MM SOUND PROJECTOR SET (UW)

A clear, concise, and instructive demonstration of basic fundamentals in the operation of a 16mm. projector.

h-c-a 31 minutes \$3.00

HOW TO READ A BOOK (C, Color, B&W)

Selection of a book involves several considerations: What information do we need? What questions do we want answered? What does the book offer that will contribute to our knowledge and understanding?

This film does much to answer these questions. Many other details are brought out: the author's attitude; key ideas—where to look for them and how to use them in rapid reading; the index, footnotes and

references, when to read quickly and when to read with greater care.

j-h-a 11 minutes B&W \$1.25; Color \$2.25

HOW TO READ NEWSPAPERS (C)

What does the newspaper mean to you? There are many things that go into the making of a newspaper and many things that you can get out of it. The film shows how to scan the headlines to pick out the stories you are interested in, what the "lead" of the story is, and what to look for in it. How to go through the whole paper — not just one or two sections.

j-h 10 minutes \$1.25

HOW TO REMEMBER (C)

Everyone realizes that remembering is important, but the problem is how to remember. Here are six important rules to help you remember. The setting of this film is one familiar to everyone. Adults, as well as students, can profit learning how to eliminate the "waste" of forgetting.

j-h-c-a 11 minutes \$1.25

HOW TO RIVET ALUMINUM (USBM)

The why and how of hole preparation, rivet temperature and use of explosive rivets.

j-h-e 27 minutes Handling charge, \$1.00

HOW TO SAY NO (C)

Sometimes saying no is easy — a simple direct "no" is enough. Sometimes, though, it is hard to say no without losing your friends. What do you do in cases like that? The film presents a panel discussion group of teenagers, bringing up situations in which it is difficult to say no, and some possible ways of resolving the problem. Ends with the conclusion that each case is different, and you have to decide each as it comes up, according to standards you have previously set for yourself.

j-h 10 minutes \$1.25

HOW TO STUDY (C)

Encouraging students to make efficient use of study time is perhaps one of the most perplexing problems facing secondary school education. This film, produced under the supervision of Dr. William G. Brink, Professor of Education, Northwestern University, and author of "Directing Study Activities in Secondary Schools," is designed to motivate better study habits as well as give practical hints on study techniques.

j-h-e 10 minutes \$1.25

HOW TO SUBTRACT FRACTIONS (JHP)

Covers the following subject matter area: how to subtract fractions which have a common denominator,

how to subtract a fraction from a whole number, how to subtract fractions which do not have a common denominator, and how to subtract a fraction from a mixed number.

i 11 minutes \$1.25

HOW TO THINK (C)

A traffic ticket for driving his delivery car without a commercial safety sticker gives Dick cause to do a lot of straight thinking. By following the film's suggested procedure for clear and careful thinking, he is able to solve his problem successfully. The important elements of concentration, logic, observation, memory, imagination, and judgment are all presented as part of the correct "way to think."

j-h-c-a 14 minutes \$2.00

HOW TO TWIRL A BATON (YA)

Roger Lee, former national champion baton twirler, demonstrates the nine fundamentals of twirling; beating time, salute, wrist twirl, figure eight, two-hand twirl, pass around back, cartwheel, four-finger twirl, and throw and catch.

j-h-e 10 minutes \$1.25

HOW TO WELD ALUMINUM — ARC WELDING (USBM)

Metal arc, carbon arc, and atomic hydrogen processes for welding aluminum are discussed. Sequences show the uses and advantages of this type of weld. Proper equipment and protection of personnel are illustrated in arc welding of butt joint and operation of vertical welds.

h-c-a 10 minutes Handling charge, \$1.00

HOW TO WELD ALUMINUM — RESISTANCE WELDING (USBM)

Resistance welding is a method by which parts fabricated from aluminum sheet and extrusions are welded under heat and pressure. Through animation, principles of two types of spot-welding machines are explained in detail — one employing alternating current, the other condenser-stored energy.

h-e-a 11 minutes Handling charge, \$1.00

HOW TO WELD ALUMINUM — TORCH WELDING (USBM)

Behavior of aluminum under welder's torch is distinctly different from that of other commercial metals. Film explains in detail progressive steps necessary to make a good torch weld, graphically presenting preparation of welding surfaces, correct flux mixtures, proper manipulation of welding torch, and butt and tack welds in various gauges of aluminum sheet and plate.

h-c-a 17 minutes Handling charge, \$1.00

HOW TO WRITE EFFECTIVELY (C)

Demonstrates the important rules for effective writing and then proceeds to situations which help to make all writing effective. Material, audience, and purpose are offered as elements which must be considered. Discusses the factors involved in editing and offers a unique exercise in classroom participation.

j-h-e 11 minutes \$1.25

HOW TO WRITE YOUR TERM PAPER (C)

The central character in this story is the person watching the film. Each student who sees this film has an opportunity to imagine himself writing the term paper which is assigned by the teacher at the beginning. By actually going through the mental processes involved in writing a term paper, students are given a great many helpful hints on the actual writing of the paper.

j-h-c 11 minutes \$1.25

HOW WE COOPERATE (C)

Students learn here what cooperation is, the value to be derived from it, and they see some of the most important "settings" in which we should cooperate. The necessity of closeness of purpose, effort, and planning in cooperation is stressed.

i-j-h 11 minutes \$1.25

HOW WE ELECT OUR REPRESENTATIVES (C)

Explained in this film is the functional basis of our democracy, the election system. Registration, primaries, electioneering, voting, methods of counting ballots, and the overview of the responsibility of voting intelligently to make our democracy work are presented.

j-h-c 11 minutes \$1.25

HOW WE GET OUR POWER (YA)

The film explains how all of our power comes from nature—from wind, water, fuels, and the explosives.

i-j-h 10 minutes \$1.25

HOW WE HEAR (KB)

A complete and comprehensive explanation of the entire ear structure and its mechanism, showing how sound waves are received by the inner ear, where they are converted into nerve impulses. Photography, animated drawings and sound are combined to make this presentation complete and effective.

h-e 11 minutes \$1.25

HOW WE LEARN (C)

Analyzes the process of learning and shows the two components; "readiness" and "materials." In most school situations, materials are easily available, and

"readiness"—the proper mental condition—determines to a large extent the amount and rapidity of learning. How each class member can assume the responsibility for his own "readiness" to learn is told in a simple counseling incident. The principles of readiness explained are: establish goals, cooperate and compete with others, work with your teachers, and see some sense in what you are doing.

j-h-e-a 11 minutes \$1.25

HOW YOU SEE IT (JH)

Tells the story of persistence of vision and how it makes motion pictures possible. Animated drawings show how the image of an object is transmitted by the optic nerve to the brain, and how the image fades instead of stopping abruptly when the object is removed from the field of vision. Animation and photography illustrate the construction of the motion picture projector, and the optical reasons for shutter, lens, and sprockets.

j-h-c 11 minutes \$1.25

HUMAN BEGINNINGS (ASF, Color)

Using a cast of six-year-olds, Human Beginnings is designed for young children, their parents, teachers, church leaders, and others who take an active part in the education and guidance of the child. The function of the film is to help young boys and girls understand what happens in the home and in the hospital with the coming of a baby, and to develop a wholesome and happy relationship between the young child, the parents, and the baby.

p-i-c-a 22 minutes \$3.00

HUMAN DIGESTION (ATH)

Describes the principal steps in the digestive process beginning with the stimulation of the organs of digestion by the sight and smell of appetizing food. Demonstrates how the food we eat is made available for the growth, energy and repair of all of our body cells.

j-h-e 10 minutes \$1.25

HUMAN GROWTH (UO, Color)

This film creates an instructional atmosphere that permits the facts of human sex to be discussed without embarrassment or tension. In a straightforward, unemotional manner, the film treats the differences between boys and girls in rate of physical and sexual maturity, the glands which control physical and sexual activity, the male and female sex organs, menstruation, fertility, pregnancy, and birth. The vocabulary is kept as simple as possible without sacrificing essential meanings. The film is in four main parts: a home scene to introduce the subject, a classroom sequence that leads into a "film within a film" sequence, and a final classroom discussion of the film.

i-j-h-c 19 minutes \$3.00

HUMAN HAIR, THE (B)

Presents a description of the hair as a part of the skin, and its analogous development and growth by live photography and animated drawings. Depicts the cause and appearance of "goose flesh." Gives an understanding of the importance of the hair to one's personal appearance and its characteristics as a part of the human anatomy.

j-h-c 11 minutes \$1.25

HUMAN HEART, THE (BRF)

The mechanics and functions of the heart are described with diagrams and experiments.

h-c-a 10 minutes \$1.25

HUMAN REPRODUCTION (McGH)

This is a factual film on the human reproductive systems, and on the process of normal human birth. Models and animated drawings are used throughout the film to describe the anatomy and physiology of the individual reproductive organs of both men and women. Throughout, the film stresses the biological normalcy of reproduction, and in its conclusion emphasizes the importance of clear, objective familiarity with these facts as important to the success of marriage and parenthood. (For other titles in this series see Body Care and Grooming.)

j-h-c 21 minutes \$2.00

HUMAN SKIN, THE (B)

Depicts the important functions and the anatomical structure of the human skin by use of animated drawings and photography. Includes a descriptive explanation for the permanency of fingerprints.

j-h-c 11 minutes \$1.25

HUMAN THROAT, THE (B)

Describes the throat, consisting of pharynx and larynx, from the anatomical and functional aspect. Depicts the opening and closing of the rimal opening between the vocal cords during breathing and voice production, including an actual photograph of vibrating vocal cords.

j-h-c 11 minutes \$1.25

HUNGER SIGNS (NFA, Color)

An excellent color film showing what happens to animals foraged and crops grown on land which has eroded and which lacks correct fertilization.

general 20 minutes \$3.00

HURRICANE CIRCUIT (UW)

Illustrates the path of a hurricane through the Caribbean and the Gulf of Mexico and the work of the U. S. Weather Bureau in predicting the course of

the hurricane and issuing precautionary and emergency storm warnings. Shows in animation the nature of hurricanes.

j-h-c-a 23 minutes \$2.00

HYDRAULICS (JH)

The principle of hydraulic pressure is explained, and the use of liquids to transmit power is shown. Simple working models and laboratory experiments visualize the fundamentals of hydraulic pressure vividly and clearly.

h-c 11 minutes \$1.25

HYMN OF THE NATIONS (Castle)

Arturo Toscanini conducts the NBC Symphony Orchestra, the Westminster Choir and Jan Peerce, tenor, in a special broadcast of "Hymn of the Nations" to celebrate Mussolini's downfall.

j-h-c-a 33 minutes \$3.00

I.L.O. (NFBC)

Gives a brief background of needs for an international labor organization, the story of its formation and relation to the League of Nations. Its organizations and purposes are explained and, as an example, its influences on the life and working conditions of seamen is depicted. The relationship between ILO and national government is explained and its affiliation with the UN is cited. The interdependence of labor in all nations is suggested.

h-c-a 11 minutes \$1.25

I AM AN ALCOHOLIC (McGH)

The story of Alcoholics Anonymous which is dedicated to the restoration of those who cannot drink without becoming invalids. Through the experiences of one man this film portrays the steps taken by members of Alcoholics Anonymous to bring that man back to his rightful place in society, to a regaining of health, happiness, and self-respect. The origin and development of Alcoholics Anonymous is then pictured.

h-a 18 minutes \$2.00

I NEVER CATCH A COLD (C)

George thought he was too tough to obey health rules but he was sick on the day of the big sandlot game.

p-i 10 minutes \$1.25

I WANT A JOB (FF)

Is a story about George Miller who has lost his first position which he luckily fell into. His Uncle John, a retired businessman, takes him in hand and suggests new ideas and personal improvements which should aid him in finding a job. Sometime later we find George entering the Employment Offices of the Cobalt Corporation where he fills out his application for a job

and awaits his turn. We go into the office of Mr. Gibbons, the Personnel Manager, where we sit in on every applicant's interview, and finally George's. After this interview, the narrator and Mr. Gibbons discuss each applicant. We close with the question from Mr. Gibbons, "Which of these applicants would you employ?"

h-c 20 minutes • \$2.00

I WANT TO BE A SECRETARY (C)

Deals with clerical aptitudes. It gives aspirants important clues as to their own chances of success in this particular field.

j-h-c 22 minutes \$2.00

I WANT TO BE A SECRETARY

(Short Version) (C)

A condensed version of the film *I Want to be a Secretary*.

j-h-c 10 minutes 1.25

I WENT BACK (AFF)

Leo Genn tells of the economic progress and the recovery which he found in a visit to Italy, Austria, Greece and Denmark after two years of Marshall Plan aid.

h-c-a 20 minutes \$2.00

IBERIAN PENINSULA (SPAIN AND PORTUGAL) (EB)

Provides an over-all survey of Spain and Portugal — nations walled off from the rest of Europe by the rugged Pyrenees Mountains and separated from Africa only by the narrow Strait of Gibraltar. Stressed throughout the film is the theme that the Peninsula is primarily a semi-arid land of plateau and mountain — a land characterized by a pre-industrial, agricultural economy.

i-j-h 11 minutes \$1.25

ICE CREAM (EB)

A favorite food gives youngsters an insight into American industry. Shows ice cream made at home, then by factory methods.

p-i 11 minutes \$1.25

ICELAND — LAND OF THE VIKINGS

(TFC, Restricted to Classroom Use)

The film opens with the public square at Reykjavik to which the Vikings brought an advanced civilization more than 1,000 years ago.

We see two women in native costumes which are the same style as that worn by the Icelandic women of old. Two men play chess while the commentator explains that this is a popular game here, and that the Icelanders' collection of books on chess is the largest in the world. Ponies approach. These are the descend-

ants of the ponies brought by the Vikings in the ninth century. Youngsters swim in a hot spring that has cooled sufficiently to allow it. Men and women are busy at the fish industry which is the main reason for their living in grim Iceland. Young men take part in a form of wrestling called Glima, the national sport.

j-h-c 11 minutes \$1.25

IGOR GORIN, BARITONE (AF)

The magnificent voice of this well-known concert, motion picture and radio artist is presented in this film. He sings: "Largo Al Factotum" aria from "The Barber of Seville" by Rossini.

i-j-h-c 10 minutes \$1.25

ILLINOIS (OF, Color)

Gives a survey of the State as it is today, and its place in history. Brief scenes show the capital, including Lincoln's tomb and statue, street scenes, and the Capitol building. Shows scenes of Chicago and its industry. Film shows industrial plants and operations, transportation, agriculture, and then the State Fair. Also shown is the University of Illinois.

j-h-c-a 10 minutes \$2.25

ILLINOIS FOOTBALL HIGHLIGHTS—1943 (UI)

This film was edited from the complete game pictures taken by the University of Illinois Athletic Association to bring together the highlights of the various games of the season. Rudy Novak is the commentator.

general 27 minutes \$3.00

ILLINOIS PLAN FOR EXCEPTIONAL CHILDREN (IDPS, Color)

Illinois recognizes the fact that some children are exceptional, mentally and physically. The film shows the methods used to help children who are victims of defective vision, poor hearing, or cerebral palsy, as well as the mentally retarded. Emphasizes the importance of parent-school cooperation, and the necessity of adjustment to normal children.

c-a 40 minutes Postage

IMMIGRATION (EB)

Traces historical immigration into United States, shows representative types of immigrants and depicts melting pot process.

j-h-c 11 minutes \$1.25

IMMORTAL BIZET (VF)

The story of George Bizet is told through scenes of his life and excerpts from his music. Shows that the musical atmosphere of his youth and his later travels abroad influenced his work. Includes sequences on

Carmen and *L'Arlesienne*. The background music is performed by the Yvonne Souverne Choir and the Concerts de Conservatoire.

h-c-a 28 minutes \$3.00

IMMUNIZATION (EB)

Explains what immunization is and how immunity to infectious diseases is attained. Attention is first called to the fact that immunity to some diseases is effected through actual illness; then animated drawings and natural photography depict how immunization is effected by the injection of vaccine into a human body so that the body may build up resistance to an infection without actually having the disease.

h-c 11 minutes \$1.25

IMPORTANCE OF GOALS (McGH)

The case of 13-year-old Tommy. Explores the principle that all education is essentially a process of attaining basic meaningful goals. His teacher, observing him in a natural learning situation, is made aware of Tommy's need for a specific goal to encourage him

in his school work. The possibility of a post in the Safety Patrol supplies the needed incentive, and with this before him, Tommy's school work takes on a new meaning. Tommy is learning and so is Tommy's teacher. Something to work toward can spell the difference between eager, interested students and those for whom school is boring and dull.

c-a 19 minutes \$2.00

IMPORTANCE OF MAKING NOTES (C)

Note-taking, as an important study aid, has great value to students in almost every course. This basic motion picture presents the important skills of good note-taking. Through it audiences will learn how good notes are taken in oral instruction periods and during reading. They will see how to find the key ideas for notes, what sorts of materials should be taken down verbatim and when notes should not be taken at all.

j-h-c 11 minutes \$1.25

IMPORTANCE OF SELLING, THE

The role of selling in modern business organization is shown in this film which gives particular emphasis to services provided by salesmen to business and to the consumer. The film describes the structure of typical sales organizations, shows the duties of sales executives, and illustrates the importance of selling to our society.

h-c-a 20 minutes \$2.00

INDUSTRIAL

Arts

BEVELING, STOP CHAMFERING, AND

TAPERING SQUARE BLOCKS

CUTTING TENONS AND SEGMENTS

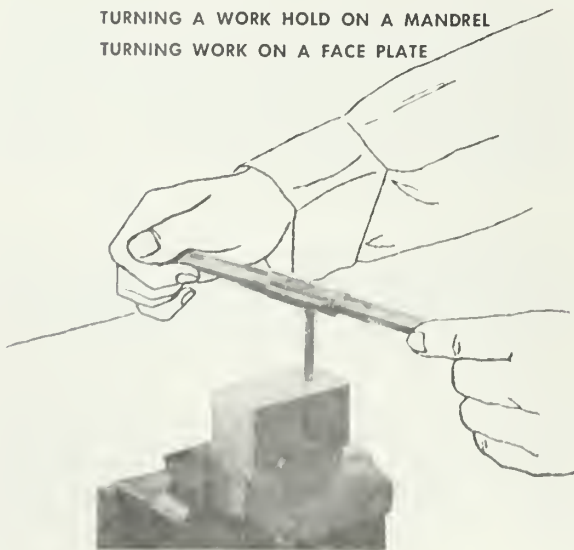
CUTTING THREADS WITH TAPS AND DIES

DRILLING IN METAL, WOOD AND PLASTICS

SAWING TEMPLATE METAL

TURNING A WORK HOLD ON A MANDREL

TURNING WORK ON A FACE PLATE



IMPROVE YOUR HANDWRITING (C)

This picture helps students learn for themselves to improve handwriting. It may be used in classes which offer handwriting instruction, and in classes in which teachers wish to stress the fundamentals of good handwriting in an efficient and effective way. The picture is planned to have wide grade usage.

i-j-h 11 minutes \$1.25

IMPROVE YOUR PERSONALITY (C)

It's important that young people realize that personality is not a vague, glamorous attribute of the fortunate few but a part of each individual's character. Through this film an open, frank discussion of personality will be encouraged. Students will learn to understand themselves better and see how they can improve their own personalities. How personalities can be developed, adapted and controlled is dramatically told.

h-c-a 11 minutes \$1.25

IMPROVE YOUR POSTURE (C)

Why should so many suffer poor posture when good posture is easy? Here is a film that shows the major areas of the body by which posture is controlled. It demonstrates what good posture is: a balance of op-

posing sets of muscles. And it teaches methods of maintaining good posture, stressing relaxation, self-diagnosis, and correction.

h-c 10 minutes \$1.25

IMPROVE YOUR PRONUNCIATION (C)

"What did you say?" . . . that all too common phrase is overworked by poor pronunciation. While practicing his speech, to be given at the class banquet, Bill begins to realize his own pronunciation shortcomings. So he formulates a program for improvement using these basic rules: 1) Pronounce every syllable, 2) Pronounce each sound correctly, 3) Use accepted pronunciations, and 4) Use natural pronunciation. Like Bill, students will be amazed and pleased with the results, and they will realize that in gaining the respect of their fellows, as well as in making themselves correctly understood, proper pronunciation is an essential asset.

j-h-c 10 minutes \$1.25

IMPROVE YOUR READING (C)

This is a prescription for reading deficiencies. The three most prevalent ailments found among students—narrow perception span; rapid, careless reading; and the slow, ponderous pointing to and pronouncing of words—are presented in this film. Specific remedies for each are illustrated and a cure set into effect.

j-h-e 10 minutes \$1.25

IMPROVING THE JOB (USOE)

A supervisor asks one of his workmen for suggestions for preventing waste. The workman explains the situation to members of his family at home and methods of improving the job so as to prevent waste are brought out.

h-c 9 minutes \$1.25

IN COMMON CAUSE (USDA)

What soil conservation districts are, how they operate and what they have accomplished.

general 20 minutes \$2.00

IN THE BEGINNING (USDA)

Portrays the mysterious prologue to life—ovulation, fertilization, and early development of the mammalian egg; scenes of spermatozoa attacking ovum; remarkable time-lapse cinemicrographs of cell division in the fertilized egg.

h-c 20 minutes \$2.00

IN THE CLOVER (API, Color)

Depicts the value, uses, culture and fertilizer requirements of ladino clover in North American agriculture.

h-c-a 22 minutes Postage

IN THE WAKE OF THE ARMIES (OWI)

Explains the purpose of the United Nations Relief and Rehabilitation Administration. As European countries are liberated from the Nazi and Fascist yoke, the human demands of those thousands and thousands of war victims will be met by UNRRA.

h-c 14 minutes \$2.00

INCAS, THE (HFE)

Tells how the Incas lived before the arrival of the Spanish, and shows the result of the Spanish conquest and occupation over 400 years ago. It instructs in history, sociology, handicrafts, architecture, and geography, and can be considered a worth-while teaching instrument.

j-h-c 11 minutes \$1.25

INDIA (MOT)

Viewing realistically past British imperialism, the film contrasts both sides of a land where tradition has placed oriental luxury side by side with squalor. While picturing the substantial social improvements and industrial developments which Britain brought about in India, it also recognizes abuses which occurred simultaneously.

j-h-c 12 minutes \$2.00

INDIA (Pakistan and the Union of India, EB)

A truly remarkable film portrays the ways in which tradition, land, and climate have shaped the ways of life in India and Pakistan. Highlights India's complex problems concerning religions, nationalities, and its multitude of languages. Sensitively portrays the character of an Indian peasant, and suggests the isolation of his village from the rest of the world. Indicates the extent of education and industry in India today.

i-j-h 11 minutes \$1.25

INDIA, ASIA'S NEW VOICE (MOT)

In contrasting the life of the high-caste Brahman to that of the lowly Untouchable, throws into high relief some of the basic problems that confront the government of India. New industry, power projects, public health programs and modernization of agricultural methods are depicted.

h-c-a 17 minutes \$2.00

INDIAN DANCES (EB, Color)

This film colorfully records four dances and reveals the American Indian as a keen observer of nature. To the dramatic accompaniment of tom-tom rhythms an Indian chief demonstrates dance patterns based on the characteristics of the grouse, an eagle in flight, the buffalo, and the deer.

i-j 10 minutes \$2.25

INDIAN HUNTERS (SF)

Two modern-day Indians scout for new hunting grounds for their tribe. These sharp-eyed scouts track moose, hunt new fishing grounds and run across the huge Canadian black bear as they move cautiously through the virgin forests and lakes of the wild Canadian north country.

i-j-h-a 10 minutes \$1.25

INDIRECT MEASUREMENT (KB)

Need for indirect measurement techniques is established by showing specific situations where direct measurements can not be made. This film demonstrates three methods of indirect measurement — congruent triangles, similar triangles, and trigonometry.

h-c 11 minutes \$1.25

INDIVIDUAL DIFFERENCES (McGH)

Case history of a youngster overshadowed by the reputation of an older, socially-adept brother. As a result, he is unable to make his own place in his class. When his teacher makes a study of his past record and plans to meet his interests as they really exist, Roy achieves personal satisfactions and becomes a contributing member of the group. Points out that education must meet the needs of the individual; it must not force him into a pre-conceived pattern.

j-h 20 minutes \$2.00

INDONESIA, AN EMPIRE'S PROBLEM (MOT)

Recounts the drama of the break-up of one of the world's great empires. Points out that the conflict between Indonesia and the mother country, Holland, involves one of the most hotly-discussed questions of our times — is the white man's rule in Asia coming to an end?

h-c-a 18 minutes \$2.00

INDUCTANCE (2 parts) (UW)

Shows by means of straight photography and animation how a magnetic force reacts around a coil. Explains self-inductance and how to increase the value of it. Also, how to increase the inductance of a coil.

h-c-a 35 minutes \$4.00

INDUSTRIAL LAKE PORT — BUFFALO, N.Y. (UW)

In an intensely interesting fashion, this film demonstrates the fact that industrial centers tend to develop where there is a natural focus of trade routes facilitating the supplying of raw materials and the marketing of finished products. Through the eyes of a group of Sea Scouts, we see the basis for the development of Buffalo at the juncture of twelve large railroads, the terminus of water routes of supply, and near the source of a limitless supply of cheap electric power.

j-h-c 22 minutes \$2.00

INDUSTRIAL ORGANIZATION AND MANAGEMENT: INTERNAL ORGANIZATION (McGH)

Illustrates the fundamental purposes of business organization and basic organizational principles, such as delegation of authority, division of labor, and assignment of responsibility; shows types of organization that can be adapted to the needs of any enterprise.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: JOB EVALUATION (McGH)

Management determines the requirements, duties, and pay scales of various jobs through job evaluation.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: MATERIALS CONTROL (McGH)

The job of getting the right material in proper amounts to the right place at the right time is described under three materials-control functions of management: (1) procurement; (2) inventory control; and (3) control of handling and transportation of materials in the production process.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: METHODS ANALYSIS (McGH)

Methods analysis is used to reduce production costs by increasing administration. The film shows a job analyst preparing a job specification that lists the skills and abilities required for the job, and analyzes several methods of job rating. The work of time study engineers is described.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PHYSICAL FACILITIES (McGH)

Describes steps in organizing physical facilities for a new enterprise: (1) location from the aspects of available facilities; (2) type of building suited to the enterprise; (3) the arrangement and positioning of the buildings; and (4) plant layout from the aspect of type of production.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCT DEVELOPMENT (McGH)

Considers: (1) the role of research in improving materials, processes, and products; (2) the qualifications for acceptable product ideas, such as production requirements in relation to existing facilities; and (3) aspects of product engineering.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCTION CONTROL, PART I (McGH)

The systematic procedure by which management regulates production output to meet fluctuating product requirements of the company's sales efforts consists of four main steps: routing, scheduling, dispatching, and following. Develops the first step fully, showing the basic importance of routing in manufacturing and increasing the productivity of men and machines. Demonstrates the basic approach and techniques of the methods analyst in studying the manufacturing cycle and indicates methods for gaining employee cooperation.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: PRODUCTION CONTROL, PART II (McGH)

The three final steps in production control — scheduling, dispatching, and follow-up — demonstrates the use of the master schedule and of the shop schedule, and shows dispatching in both centralized and decentralized forms.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: QUALITY CONTROL (McGH)

Industry controls the quality of its product by keeping check on the variable factors in manufacturing: men, machines, materials, manufacturing conditions, etc. This film describes factors in setting quality standards and the effect of higher or lower quality standards on manufacturing cost and selling price.

c-a 10 minutes \$1.25

INDUSTRIAL ORGANIZATION AND MANAGEMENT: RISK AND FORECASTING. (McGH)

Details the procedure for calculating the chief risks in a new enterprise. Forecast includes: (1) analysis of product as to physical appearance, production requirements, and commercial uses; (2) estimates of production requirements; and (3) probable relation of production costs and sales income. Actual production is approved on the basis of a completed favorable forecast.

c-a 10 minutes \$1.25

INDUSTRIAL PROVINCES OF CANADA (EB)

This film orients the industrial provinces, Ontario and Quebec, as the heart of the Dominion of Canada. It traces settlement of the region, shows distribution of population, delineates typical activities and shows the relation of this region to the remainder of Canada, to the United States, and other regions of the world. Products and imports are also summarized.

i-j-h 11 minutes \$1.25

INDUSTRIAL PURCHASING (EB, Color)

Dramatically reveals the importance of the director of purchasing in an industrial plant. Portrays him in his capacity as buyer of everything purchased by his company, and reveals actual problems of buying materials and machines. Highlights the teamwork between Purchasing and other key departments which are essential to 20th century American industrial achievement.

h-c-a 20 minutes \$3.00

INDUSTRIAL REVOLUTION (EB)

The efforts of primitive man to do work chiefly with his own and animal muscles are compared to methods of work from the time of the first steam-powered loom to the modern Diesel electric-powered locomotive, and animated photography describes the mechanical advantages of machines. Cause and effect relationships are treated and their social and economic implications noted.

j-h-c 11 minutes \$1.25

INFINITE UNIVERSE, THE (ALF)

Discusses the concepts of astronomical time, space, speed and size. Not only shows some of the vast galaxies and distant stars of our universe, but also tries to reduce these space-time concepts to common, everyday dimensions.

j-h-c-a 10 minutes \$1.25

INFLATION (EB, Color)

Defines inflation, reveals its causes and effects, and indicates measures for the solution of it. Explains that a war or defense crisis can bring about inflation by increasing the supply of money and decreasing the supply of goods. Indicates that the effective cures for inflation are measures which decrease the supply of money while increasing productivity.

h-c-a 17 minutes \$3.00

INSECTS (EB, Color)

Clearly defines the class of animals known as insects. Identifies principal characteristics of butterflies, wasps, beetles, flies, and grasshoppers; and points up differences between true insects and their near relatives. Reveals life cycles, feeding habits, and protective coloring of a variety of insects and explains ways in which man can encourage beneficial insects and combat pests.

j-h 14 minutes \$3.00

INSECT ZOO (EB, Color)

Brings enthusiastic student participation to the study of the insect world. The Katydid, Cricket, Butterfly, Milkweed Bug, Ladybird Beetle, Ant and Praying Mantis are shown in the backyard "zoo" built for them by two young collectors, Ted and Susan, who display the various insects in close-up photography.

p-i 11 minutes \$2.25

INSIDE BASEBALL

(TFC, Restricted to Classroom Use)

Here is baseball strategy as revealed in a game between the St. Louis Cardinals and the Boston Braves.

Close-ups and slow-motion photography reveal the use of signals from the bench, the use of signals on the part of the catcher, and the execution of pitch-out and squeeze plays.

j-h-c 10 minutes \$1.25

INSIDE OPERA (TFC, Restricted to Classroom Use)

Was adapted from the Hollywood production, *One Night of Love*, in which Grace Moore played the role of an ambitious vocalist in study and training for an operatic career. It contains seven famous arias from *Carmen* and *Madam Butterfly*.

h-c 28 minutes \$3.00

INSIDE THE CAPITOL

(TFC, Restricted to Classroom Use)

This is a trip through the nation's Capitol building. From cellar to dome the camera records interesting spots in the edifice. Statuary, paintings and congressional halls are included in the tour. Some of the places of interest include the visitors' gallery, the press gallery, the capitol bank, the reading room, and the Senate Chamber.

j-h-c 10 minutes \$1.25

INSIDE THE FEDERAL BUREAU OF INVESTIGATION (TFC, Restricted to Classroom Use)

A descriptive film showing the exhaustive program of the Federal Bureau of Investigation to protect the nation against crime and corruption, and more recently against espionage and sabotage. Much of the picture is within the F. B. I. building in Washington, showing methods of tabulating and identifying fingerprints, class sessions for special agents in training, and laboratory practice in police techniques. Items of laboratory equipment are described by a well-informed commentator.

j-h-c 10 minutes \$1.25

INSIDE THE LIBRARY OF CONGRESS

(TFC, Restricted to Classroom Use)

• Presents the architecture of the building; the new annex; the two reading rooms; the Ezra Winter mural of Chaucer's *Canterbury Tales*; the rare book collection in the Georgian Room; volumes from the library of Thomas Jefferson; the folio Bible written in 1341; the Hispanic Foundation library; translating volumes into the Braille System to be distributed by the Red Cross to regional libraries; the Vulgate edition of the Gutenberg Bible; the collection of rare musical instruments; famous musical manuscripts; and finally the great documents of American history; the Monroe

Doctrine, the Declaration of Independence, the Constitution, and Gettysburg Address.

j-h-c 10 minutes \$1.25

INSIDE THE SMITHSONIAN INSTITUTE

(TFC, Restricted to Classroom Use)

Scenes include long shots and close shots of the Smithsonian building, the crypt which holds the remains of James Smithson, the Englishman who never set foot in America but contributed half a million dollars for this monument to his memory. Within the Institute are seen skeletons of prehistoric animals, the Theodore Roosevelt donation of African wildlife, fine examples of early Chinese sculpture; the famous Peacock Room, the Princess from the land of Porcelain, and the portrait of the artist himself designed by James McNeil Whistler. Other exhibits include a primitive fire engine, a stage coach, a cable car, buggies and carriages, the first horseless carriage, Lindbergh's plane, and that of Wiley Post and Harold Gatty, the first typewriter, the first talking machine, the first sewing machine, dresses of Mrs. Abraham Lincoln, Mrs. Coolidge and Mrs. Hoover, and the uniform of George Washington.

j-h-c 10 minutes \$1.25

INSIDE THE VATICAN (CVE)

Views of Vatican City including the interior of the St. Peter's basilica and the Papal palace. Pope Pius XII is shown addressing worshippers from his balcony overlooking the courtyard of St. Damascus and the Vatican museums.

j-h-c-a 30 minutes \$3.00

INSIDE THE WHITE HOUSE

(TFC, Restricted to Classroom Use)

Inside the White House presents a view of the exterior, seen from across the wide lawn. On the south grounds are hillocks placed there at Jackson's order to remind him of his own well-loved landscape. The President's office is in the West Wing and is connected by a covered walk with the White House. The back of the House faces Pennsylvania Avenue.

The entrance to the Executive Offices is pictured, and the reception room containing a massive mahogany table presented by the Philippines. We see the President's private office, while in the Cabinet Room hangs a portrait of Woodrow Wilson. Tuesdays and Fridays, on press days, the news men arrive, where they gather in the reception room. Several well-known correspondents are pictured in a group. The 173 men enter the President's office, after having been checked for their credentials.

When the interview has been completed, they leave to file their stories for transmission to all parts of the world.

general 11 minutes \$1.25

INSPECTION OF THREADS (UW)

Identifying the different parts of American National standard thread; how to inspect internal threads with a roll snap gage; how to adjust the roll snap gage; and how to inspect internal threads with a plug gage.

h-c-a 22 minutes \$2.00

INSTALLATION OF PRESIDENT STODDARD (UI, Color)

This Kodachrome picture is a cinematic account of the activities connected with the installation of Dr. Stoddard as President of the University of Illinois and contains views of the colorful academic parade, Allerton Park, and closes with an informal talk by President Stoddard.

general 20 minutes Transportation charges

INSTALLMENT BUYING (C)

Young Dr. Harris, who has just gone into private practice, badly needs new furniture in his waiting room, but cannot afford to pay cash for it. His experience in buying the furniture on installments demonstrates some of the pitfalls of installment buying, and shows the necessity for a complete investigation of installment credit, contracts, and interest rates before making purchases in this way.

j-h-c 10 minutes \$1.25

INSTRUCTING THE WORKER ON THE JOB (USOE)

Illustrates the differences in telling, showing and instructing a new worker how to do a job, and compares the effectiveness of the three methods.

h-c 11 minutes \$1.25

INSTRUCTIONAL FILMS — THE NEW WAY TO GREATER EDUCATION (C)

Demonstrates to the audience through many sequences from selected films how audio-visual teaching saves time in presenting complex ideas, saves money by bringing costly equipment right into the classroom, makes the most distant things as near as the classroom movie screen, and makes it possible for student to see familiar objects in a new light.

general 25 minutes \$1.25

INSTRUMENTS OF THE ORCHESTRA (BIS)

Dr. Malcolm Sargent, the famous British conductor, is the commentator for this very interesting film. He demonstrates the sound of each instrument, and then conducts the London Symphony Orchestra in Benjamin Britten's Variations and Fugue on a theme by Purcell.

h-c 20 minutes \$1.25

INSURANCE AGAINST FIRE LOSSES (EB, Color)

Explains fire insurance as the institution through which we meet the problem of possible financial loss by fire. Portrays the basic principle of spreading the risk. Reviews detailed operations required on the part of insurance organizations. Clearly depicts factors affecting the cost of the premium and method of paying losses. Points up suggestions for reducing fire hazards. The entire film is produced in delightful cartoon-style animation.

j-h-c-a 14 minutes \$3.00

INTERMEDIATE TUMBLING (C)

Demonstrates advanced stunts like kip, headspring, handspring, various stands, pullovers and others.

j-h-c 10 minutes \$1.25

INTRODUCING THE NEW WORKER TO HIS JOB (USOE)

A new worker is being started on his job. First, the induction is done very poorly. Then, the same job is done over again, but this time as it should be. The difference between the first and second ways of inducting the worker is obvious.

h-c 16 minutes \$2.00

INTRODUCTION TO BIOLOGY (EB)

This motion picture provides an excellent overview of the field of biology for prospective students and beginners. The film graphically explains the life processes, adaptation, and reproduction; it depicts ways in which biology is applied to such problems of daily life as combatting disease and controlling insect pests.

j-h 13 minutes \$2.00

INTRODUCTION TO CHEMISTRY (C)

Here is a film designed to stimulate an interest in the study of chemistry as well as provide important classroom instruction. Beginning with a clear-cut definition of chemistry, the motion picture introduces some of the important terms and materials common to the subject. Then some of the major industrial applications of chemistry are presented along with everyday uses found in the home and on the farm.

j-h-c 11 minutes \$1.25

INTRODUCTION TO ELECTRICITY (C)

Opens students' eyes to electricity's magic properties, yet makes its principles concrete and simple.

i-j 11 minutes \$1.25

INTRODUCTION TO FOREIGN TRADE (C)

The problem of whether foreign trade is good or bad has been the subject of controversy for many years.

The film shows, in elementary terms, the way in which foreign trade operates, some of the restrictions that are sometimes set on it, and why. Animation and live photography are worked skillfully together to bring out the points.

j-h 10 minutes \$1.25

INTRODUCTION TO FRACTIONS (JHP)

The meaning and use of fractions are shown by animation. Designed for fifth or sixth grades, should be equally effective for remedial work and review in higher grades.

i-j-h 11 minutes \$1.25

INTRODUCTION TO PHYSICS (C)

This film shows the main divisions of Physics, provides a basic vocabulary for the study of Physics and illustrates some of the important concepts of Physics. It is excellent as a guidance film for those who are planning their requirements in science, and also provides a stimulating introduction to those who are beginning the study of Physics in understanding everyday problems.

j-h-c 11 minutes \$1.25

INTRODUCTION TO STUDENT TEACHING (IU)

Shows the activities of Bill, Nancy, and Carol during the early weeks of their student teaching experiences. They are being well prepared to assume greater responsibilities in full time student teaching. They are helped by competent, interested, supervising teachers who treat them as fellow co-workers.

c 20 minutes \$2.00

INTRODUCTIONS (SM)

Points out that some people are unnerved by almost any introduction — yet their social duty of meeting or introducing other people can be a pleasure. The picture demonstrates correct answers to this problem. Typical situations in home, business, school, party and official gatherings are used to depict varied forms of easy, gracious greetings and conversation. How to meet situations requiring the introduction of friends, family and strangers is shown.

i-j-h-c-a 11 minutes \$1.25

INTRODUCTORY LESSON IN SPANISH, AN (ALT)

This film reviews, and provides the opportunity for oral practice, fundamental principles which teachers explain and continue to stress throughout the course of study. An analysis of the errors which are common in the average classroom during the first few months of study is emphasized.

j-h-c 15 minutes \$2.00

INVASION OF FORTRESS EUROPE — ROME FALLS TO THE ALLIES (UW)

Spot motion pictures of the most important war movements in history are pictured. The invasion subject shows the tremendous sea, sky and land assaults, together with gripping action shots of the fighting to establish beachheads. The dramatic climax of the twenty-four day offensive to liberate Rome is shown. The German retreat is disorganized and Allied armies are seen sweeping into the Eternal City through the heart of the governmental district.

h-c 11 minutes \$1.25

INVITATION TO A NATION (AFC, Color)

Is a travalogue with a difference. True, we see many of the interesting, inspiring buildings, views and monuments of the nation's capital, but the difference is in our guide. The film has been so constructed that a make-believe George Washington's voice comments to us about the city. We start our visit at Mt. Vernon and leave there for Washington, D.C.

general 11 minutes \$2.25

IRELAND (F)

Glimpses of the proverbial Irish national character, the poetic landscape of the country, and the political, economic and social problems which are being, and are to be, dealt with are shown.

j-h-c 16 minutes \$2.00

IRISH CHILDREN (FF)

A charming film about an Irish family, living in its thatched cottage, digging turf in the peat bogs of Western Ireland, and plying household and farm chores.

p 11 minutes \$1.25

IRRIGATION FARMING (EB)

Illustrates man's ingenuity in using the resources of nature to make usable and profitable a land that would otherwise be desert. How engineers harness the water which begins with melting mountain snow is shown, as well as how the farmer uses the water by various methods of irrigation such as the pipe, the canvas, and the ditch methods.

i-j-h 11 minutes \$1.25

IRRIGATION FARMING (UW)

Irrigation problems and methods in the southwest.

h-c-a 18 minutes \$2.00

ISAAC, THE BOY (HFE)

Tells that the patriarch Abram and his wife Sarai have never had any children, but a son, Ishmael, is

born to Abram and Sarai's handmaid, Hagar. A son is born to Sarai, and Abram celebrates the day his son, Isaac, is weaned. Ishmael, the half-brother of Sarai's son, cannot conceal his jealousy of Isaac.

c-a 11 minutes \$1.25

ISLAND NATION — JAPAN (UW)

Living is difficult in an area where farmland and other natural resources are limited; but by working hard and by developing industry densely populated countries can overcome some of their difficulties. This film shows us that no country illustrates this geographic principle better than Japan. We see what this country of 80,000,000 people, handicapped by mountainous terrain, and without the necessary raw materials for industrial development has done to overcome her difficulties. Industry is based on the importation of raw materials, and the selling of finished products throughout the world, made possible, particularly through low wages and long hours of work. In rural regions, too, people work long and hard to gain a livelihood from the soil.

j-h-c 22 minutes \$2.00

ISLANDS OF THE WEST INDIES

(TFC, Restricted to Classroom Use)

A travelogue of various islands in the West Indies including Curacao, Martinique, Trinidad, and others of current defense interest. Narration relates the history and importance of these islands in the world today.

i-j-h-a 11 minutes \$1.25

IT CAN'T LAST (OWI)

The scenario for this film was written for the United States Navy by the distinguished Pulitzer Prize poet, Archibald MacLeish. The story the film tells is one which points out with kindly irony that precisely because the last battle of the war seems almost in sight, we must fight, work and save even harder. The last blow in the fight is one that makes the decision stick.

Mr. MacLeish's story also points out that it's as hard to die at the end of the war as at the beginning — maybe even harder.

h-c 20 minutes \$2.00

IT DOESN'T HURT (C)

George bragged that he learned the hard way. But after a bout with Molar I. Decay, George resolves to take good care of his teeth.

p-i 10 minutes \$1.25

IT TAKES ALL KINDS

See

MARRIAGE FOR MODERNS: ITS TAKES ALL KINDS

IT TAKES EVERYBODY TO BUILD THIS LAND (EB)

Against a unique background of modern folk ballads sung to guitar accompaniment, this film traces the development of specialization in American industry and agriculture. It explains why specialization is profitable and important to us and graphically shows that we all depend on specialists for food, clothing, and shelter. Particular emphasis is given to interdependence in farming, tool making, fishing, clothing and manufacturing, and lumbering.

i-j 21 minutes \$2.00

ITALIAN CHILDREN: HARVEST TIME IN UMBRIA (EB)

Charmingly depicts activities in the daily life of farm children in the province of Umbria. Portrays interesting features of their home environment such as their house, garden, and food, and shows the children participating in the farm work — particularly in the picking and processing of olives. Illustrates the role of family festivities and musical enjoyment in the lives

The Littlest Angel

The tender and humorous story of Heaven's smallest—and most disquieting—angel.



20 MINUTES RUNNING TIME

\$5.00 (ONE DAY ONLY)

of Italian children, and features market day activities in the historic Italian city of Assisi.

p-i 11 minutes \$1.25

ITALIAN LIBYA

(TFC, Restricted to Classroom Use)

Here is a travelog of modern Libya in six main sequences. Street scenes: everyday life in Libya; natives with their camels and donkeys. Native industry: nature handicraft, basket making and fez making. We see farmers applying ancient methods of agriculture: seeding, harvesting, threshing, and winnowing grain. We come upon an oasis in the Libyan desert, 700 miles inland. Past glory is represented by the ruins of Leptis Magna, the most imposing Roman ruins in Africa. Then we see Tripoli, an ancient city with modern arts and modern ways; beautiful streets and parks.

j-h-c 11 minutes \$1.25

ITALIAN PENINSULA (C)

Within the boundaries of the "Italian Boot" is a country of unusual geography. The cool climate of the north, the Mediterranean climate of the south, the twin coastlines, the "backbone" of mountain ranges have helped to produce different types of agriculture and living patterns. To give meaning and personality to this study, your students will meet a silk factory worker in Milan, a rice farmer in the Po Valley, a high school student in Rome and a citrus fruit grower near Naples.

i-j-h-a 11 minutes \$1.25

ITALY (FF)

The story of modern Italy, with emphasis on the chaotic condition of that vanquished nation at the end of the conflict is presented. Also incorporated in this film is an absorbing sequence on Vatican City, politically independent capital of the Roman Catholic world.

j-h-c 17 minutes \$2.00

ITALY: LAND OF INSPIRATION

(TFC, Restricted to Classroom Use)

These are scenes in and about Rome and Florence, Italy.

The architectural splendor of the Roman Forum and Colosseum is revealed in panoramic views and close-ups. There is St. Peter's, with views of the dome, and fountain.

Then Florence—the River Arno with the Ponte Vecchio, the oldest bridge in Florence; the bridge over which Beatrice was walking when Dante first saw her. The square, which was once the forum of the Florentine Republic, and the cathedral, completed in the early part of the fifteenth century, are next. We see the famous bronze doors of the baptistry which Ghiberti spent 27 years in modeling. A man paints fig-

ures on a vase while the commentator tells us that ceramic art has flourished here for centuries.

j-h-c 10 minutes \$1.25

ITALY — PENINSULA OF CONTRASTS

(EB, Color)

Presents a comprehensive survey of the physical and economic geography of Italy together with a portrayal of the life of the people and of the rich Italian heritage in history and art. Animated maps point up key aspects of Italy's geographical pattern and help explain their influence on life and work in that country.

i-j 17 minutes \$3.00

IT'S ALL YOURS (PB)

Has as its aim the inspiration of young people to acquire the habit of reading. One may read for fun or with a definite purpose. Ralph Bellamy has the lead part.

j-h-c 11 minutes \$1.25

IT'S FUN TO READ BOOKS (C)

One of the greatest problems confronting teachers is that of arousing students' interest in the many aspects of reading. This film is aimed at developing an attitude in younger students that will lead to habits which are essential to the enjoyment of reading. Where do we get the books we want? How should we take care of books? How do we get fun from books? are some typical questions raised and answered by this motion picture.

i-j 11 minutes \$1.25

IT'S ONLY THE BEGINNING (HC, Color)

A spritely lesson on the value of industrial research to John Q. Citizen. It combines live action and cartooning to show the tremendous cost of industrial research and its importance to progress. The source of funds with which such research is financed is traced directly to profits. Thus another facet of the importance of industrial profits to the future welfare of John Q. Citizen is presented in an interesting and understandable manner.

h-c-a 10 minutes \$2.25

IT'S OUR JOB (WPP)

One of the best films ever put out concerning foreman-worker relationships in a factory. The film uses unsophisticated narrative to very plainly and simply show how a foreman can best do his job. It covers not only relationships between the foreman and workers, but also relationships between a foreman and other foremen.

general 40 minutes \$4.00

IT'S THE MAINE SARDINE (USDI, Color)

The Maine Sardine fishery showing the colorful methods of capturing and processing sardines. Awarded

first prize, public relations category, Tenth Annual Exhibition of Cinematographic Art, Venice, Italy.
general 18 minutes Handling charge, \$1.00

IT'S UP TO YOU (CA)

The importance of conscientiously developing better qualities of executive leadership is illustrated through the story of the problems of a young executive in a retail store.

c-a 13 minutes \$2.00

IT'S YOUR AMERICA (Castle)

A G.I. learns the meaning of America and Democracy through the people he meets in the Army—in a training camp, in England, in Italy, on the beachhead at Normandy. He discovers that people working together in freedom is the important thing. Hollywood stars play the lead roles.

h-a 30 minutes \$3.00

IT'S YOUR AMERICA (OWI)

This is the adventure of a soldier who had plenty to learn about freedom, democracy and liberty and of the Lincoln cent piece that helped him.

general 35 minutes \$4.00

IT'S YOUR LIBRARY (M, Color)

The story of a nine-year-old boy's discovery of a rich and adventurous world. Explains the essential mechanics of the library, and shows the many ways in which a librarian enriches the lives of the young people of a town.

p-i-j-c 10 minutes \$2.25

JACK AND THE BEAN STALK (SF)

The enchanting fairy tale with actual dialogue spoken by the characters.

p 11 minutes \$1.25

JACK'S VISIT TO COSTA RICA (C)

A story of a boy's trip to visit friends in Costa Rica. He lives in the home of a typical Costa Rican family, sharing their life and activities.

i-j 11 minutes \$1.25

JACKSON POLLOCK (AFF)

Some of the painting techniques and the recent works of Jackson Pollock. Pictures him painting as he stands over the canvas spread out on the floor. Describes his use of wire, coins, and other objects in his paintings and explains his motive: "To express his feelings rather than illustrate them."

c 10 minutes \$1.25

JACOB AND RACHEL (HFE)

Jacob meets and falls in love with Rachel, the daughter of Laban. Laban makes a bargain with Jacob requiring him to work for Laban for seven years, because he has no money or goods to offer. Laban tricks Jacob by offering him another daughter, Leah, and so he must work another seven years to win Rachel.

c-a 11 minutes \$1.25

JAMES FENIMORE COOPER (EB)

The reasons for Cooper's literary greatness become apparent in this moving story of significant incidents in his life. We see him grow from a young man, dreaming of pioneer adventure on the frontier, to a mature, distinguished novelist, forcing his earlier dreams into vicarious reality by creating the first great American novels based on the American frontier scene.

j-h 17 minutes \$2.00

JANE EYRE (TFC, Restricted to Classroom Use)

Based on the book by Charlotte Bronte. Stars Virginia Bruce, Colin Clive.

70 minutes \$7.00

JAPAN AND DEMOCRACY (MOT)

A report on the program of the United States for educating the people of Japan to the ways of democracy. Shows the life of a typical Japanese family, discloses Japan's new-found freedom, and indicates the nation's continuing economic and cultural problems.

h-c-a 18 minutes

JAPAN — 80,000,000 MOUTHS TO FEED (EB, Color)

The ways in which the people of heavily populated Japan utilize all possible land for farming are clearly illustrated by this remarkable film. Shown are farmers at work in the rice fields, planting, fertilizing, harvesting, threshing, and hulling the crop which is the "bread" of Japan. Men and women harvest and process tea. Fishermen fight the rolling surf to bring in the much-needed catch; other workers gather edible seaweed and prepare salt from sea water.

i-j-h 12 minutes \$2.25

JAPAN: THE LAND AND THE PEOPLE (C)

Describes how 83 million people support themselves in a mountainous, island nation, small in area, where arable land is extremely limited. The cultivation of rice, tea, silkworms, and timber and the development of modern industries are shown, as well as Japan's growth in the post-World War II era.

i-j-h 11 minutes \$1.25

JAPANESE FAMILY (BFS)

Presents the story of the Kawaii family, silk-weavers, of Kyoto, Japan. Shows the adults at the hand-operated looms weaving the beautiful silk brocades for which Japan is famous. Depicts the preparations for and the family observance of a Japanese New Year's celebration.

j-h-a 23 minutes \$2.00

JEFFERSON DAVIS DECLARES SECESSION (TFC, Restricted to Classroom Use)

This half-reel subject deals poignantly with the decisive moment when the rift between the North and the South became final and irrevocable with the Declaration of Secession by Jefferson Davis in the United States Senate. The speech is preceded in this excerpt by incidents on the floor of the Senate which reflect the tensions and animosities besetting the nation. In his address, Davis expresses simply yet eloquently the determination of the Southern States to withdraw from the Union. His delivery and his words stress the difficulty of this decision and at the same time reveal the sincerity and conviction of the Confederate leaders in their beliefs. The concluding scene depicts the pathos of the occasion as Southern Senators file resolutely from the Senate chamber.

h-e-a 6 minutes \$1.25

JEFFERSON THE ARCHITECT (IFB)

Shows Thomas Jefferson's contributions to post-colonial architecture and design. Monticello is depicted in great detail including Jefferson's architectural work and many of the furnishings he designed. Useful for history and art classes.

j-h-e-a 11 minutes \$1.25

JERRY AND HIS DOG (EB, Color)

The film portrays the antics and pranks of Penny, young Jerry Baxter's pet dog. When the Baxters are too busy with their Saturday chores to play with Penny, he gets into mischief and chases a neighbor's cat up a tree. The cat is rescued and Penny is scolded; but later he is made to feel that the Baxters love him in spite of what he has done.

p 5 minutes \$2.25

JERRY PULLS THE STRINGS (COFFEE COMMERCE) (AC)

Puppetry and a love story is the framework on which is hung a variety of information about coffee culture and commerce.

general 45 minutes \$4.00

JERRY TENDS THE GARDEN (EB, Color)

Jerry's job of watering the garden on a hot day turns into a frolicking good time for himself, Molly,

Penny, and Fluff, the kitten. After watering the thirsty lettuce, beets, beans, and corn, Jerry and Molly put on their bathing suits and take a shower under the hose. Penny joins them, but Fluff is content to watch from the sidelines.

p 5 minutes \$2.25

JERUSALEM (EB)

Concentrating on the historic settings and contemporary shrines of the respective religions, this film develops the theme of Jerusalem as a city sacred to the Jewish, Christian, and Mohammedan faiths. Settings and structures rich in historic association pass in review to the accompaniment of especially prepared musical score and interpretive narration.

j-h-a 11 minutes \$1.25

JET ASSISTED TAKE-OFF FOR CARRIER AIRCRAFT (UW)

Detailed views of the structure of the jet assist units for carrier aircraft. Shows the handling and storage of the units and then, in careful detail, shows how the units are mounted. After the mounting, the film shows how the operational procedure for pilots varies from procedure in unassisted take-off.

h-e-a 15 minutes \$2.00

JET PROPULSION (EB, Color)

Provides a graphic and detailed explanation of jet propulsion in modern aircraft. Explains through animated drawings the workings of jet engines and the principles of physics on which they are based, relating them specifically to Newton's third law of motion. Shows various types of jet engines and their uses. Portrays jet aircraft in flight and suggests future potential for this type of engine.

j-h 12 minutes \$2.25

JIGS AND FIXTURES (FP)

A valuable film to show to apprentices as it starts by setting up the basic fundamentals that are of greatest importance to every kind of machine operation. It presents the proper way to clamp and hold work for machining.

h-c 11 minutes \$1.25

JOAN AVOIDS A COLD (C)

The story of a boy who violated the rules of good health and caught a cold and of a girl who obeyed the rules and didn't.

p-i 10 minutes \$1.25

JOB FOR BOB, A (RFA)

Bob, fresh out of high school and eager to get married, felt crushed when told he was unqualified for the important job he wanted. This is the story of how he was led to take a job in keeping with his abilities which

permitted full expression of his personality. Based on the International Council of Religious Education outline, "Choosing a Vocation."

i-j-h-a 30 minutes \$3.00

JOHN C. CALHOUN (EB)

Tells episodes in the career of Calhoun, statesman and advocate of state's rights. Depicts events of his early political career, his part in the War of 1812, and the difficulties he encountered when serving as Vice President. Shows developments which compelled him to change from a Nationalist to a leader of Southern sectionalism.

j-h-a 22 minutes \$2.00

JOHN C. FREMONT (EB)

Dramatizes important and significant events in the rich, full life of John C. Fremont, cartographer, explorer, military general, presidential candidate, and territorial governor. Begins with Fremont's government work as explorer and map-maker in the Mississippi valley and the West. Calls attention to his association with Kit Carson, and his part in the Mexican and Civil Wars. Recalls his defeats for the Presidency and his eventual appointment as territorial governor of Arizona.

j-h-a 20 minutes \$2.00

JOHN GREENLEAF WHITTIER (EB)

Recalls highlights in the life of one of America's most beloved poets and strongest abolitionists. Begins by revealing Whittier's boyhood love for poetry. Traces his later association with William Lloyd Garrison, and follows his work as student and editor, when he began to establish himself as a writer and as an advocate of social reforms. Points out Whittier's years of seclusion at Amesbury, and reveals how, during his declining years, he was inspired by boyhood memories to write some of his best-loved poems.

j-h-a 22 minutes \$2.00

JOHN MARSHALL (EB)

A portrait of the founder of American Constitutional Law. Reveals predisposing experiences of his boyhood; depicts his role in the American Revolution; traces developments which drew him into politics and led to his appointment as Chief Justice of the Supreme Court. Reveals court decisions through which Marshall established the Supreme Court as the highest authority in determining the constitutionality of American legislation.

j-h-a 22 minutes \$2.00

JOHN MARTIN & SON (KF)

Is a dramatized presentation of the steps taken by a dairy farmer to improve the efficiency of his herd. He

started with an average production of five thousand pounds of milk per animal per year and after the improvement program recommended by the Dairy Herd Improvement Association was in operation the milk production became eighty five hundred pounds per animal with over three hundred pounds of butterfat.

20 minutes \$2.00

JOHN QUINCY ADAMS (EB)

Episodes in the life of America's sixth President, and father of American Foreign Policy. Reveals Adams' skill in diplomacy by portraying his career as an American representative in Europe and as Secretary of State. Traces the steps by which Adams, in a series of diplomatic moves, laid the groundwork for the expansion of the United States across the entire continent.

j-h-a 22 minutes \$2.00

JOHNNY LEARNS HIS MANNERS (PF)

A narrated story, illustrated on an artist's drawing board, of how a little boy who is untidy, ill-mannered and selfish is turned into a pig until his "Goodself" conquers his "Badself."

p-i-j 16 minutes \$2.00

JOHNSON AND RECONSTRUCTION (TFC, Restricted to Classroom Use)

Is adapted from "Tennessee Johnson." Concerns the career of Andrew Johnson. As Vice President under Lincoln, he becomes President when Lincoln is assassinated. He attempts to carry out Lincoln's ideal of Reconstruction. He is bitterly opposed by Congressman Thad Stevens, leader of Congress, who seeks to deal with the South as a conquered territory. When Johnson dismisses War Secretary Stanton from his cabinet in order to test the constitutionality of the Tenure of Office Act, Stevens arouses Congress to bring impeachment proceedings against the President, but he is acquitted by one vote. Seven years after his completion of office, Johnson returns to Washington as Senator from Tennessee.

j-h-c 33 minutes \$3.00

JOINTING EDGES AND END GRAIN 90° TO A FACE (UW)

How to set the fence and infed table to proper height; how to feed with the grain; how to joint end grain so as to prevent tearing; and how to observe all necessary safety precautions.

h-a 17 minutes \$2.00

JORDAN VALLEY (IFB)

Presents the geographical background of the Scriptures, thus broadening the understanding of Biblical passages. A trip along the Jordan from Palestine to

the Dead Sea unifies the film. Numerous places of Biblical importance are shown. Herdsmen, farmers, weavers, and fishermen are shown. Modern methods appear alongside custom 2,000 years old.

j-h-a 19 minutes \$2.00

JOSE ITURBI, HARPSICHORD (FCI)

Jose Iturbi seated at a harpsichord explains the workings of the instrument. He then plays compositions by Jean Phillippe Rameau and closeups of his feet and hands give an excellent idea of pedal work and fingering. This demonstration is followed by the playing of Liszt's "Eleventh Hungarian Rhapsody" on a modern piano.

j-h-c 10 minutes \$1.25

JOSE ITURBI, PIANIST (FCI)

This impeccable musician and dazzling virtuoso has a dynamic personality and is a human being of charm and intelligence. He has been termed "the musician's yard-stick, the critic's delight and the public's idol." Iturbi's time is divided between his duties as Musical Director of the Rochester Philharmonic Orchestra, recitals, radio and orchestral engagements. His fame as a pianist is world wide. He plays: "Sevilla" by Albeniz; "Fantasie Impromptu" by Chopin.

i-j-h-c 10 minutes \$1.25

JOURNALISM (VGF)

Opening with dramatic scenes depicting the varied life of a newspaper reporter, this film goes on to describe and display his work in various specialized capacities such as society, sports, music and drama, finance, politics. Feature writing, its requirements and possibilities, are described. The story describes the work of the great press associations, and a sequence shows the opportunities for young men and women with the small newspaper. The educational preparation is presented, pointing out that the journalist's activities touch upon all phases of society.

j-h-c 11 minutes \$1.25

JUDY LEARNS ABOUT MILK (YA)

Judy learns about milk through visiting her Uncle George's farm. She sees how the cows are cared for and fed, how they are milked, and how the milk is taken from the farm to the dairy plant and then to the home.

p-i 10 minutes \$1.25

JULIUS CAESAR (IFB)

An exceptional cinematic report of a professionally staged and acted Scene 2 of Act III, the Forum scene including Mark Anthony's Funeral Oration.

j-h-c 20 minutes \$2.00

JULIUS CAESAR (YA)

A condensation of the play by William Shakespeare. Features Robert Speaight as Caesar, Cecil Truncer as Brutus.

j-h-c-a 33 minutes \$3.00

JUMPS AND POLE VAULT (EB)

In this subject as in others, full advantage is taken of the techniques of slow motion photography for purposes of detailed study of form. The film includes demonstration from actual competition in the running high jump, running broad jump, hop, step and jump, and the pole vault. The film provides opportunity for detailed study of the varying forms employed by champions.

i-j-h-c 11 minutes \$1.25

JUNGLE YACHTS IN THE BELGIAN CONGO (IH)

The journey of the mechanized 10th Gatti Expedition of American engineers into the Belgian Congo is depicted in this film. Highlights of this 10,000 mile trip are scenes showing a great locust deluge, pictures of the Okapi—the very rare animal which scientists have termed "the living fossil," and scenes which show a visit with the Watussi Tribe of the jungle.

i-j-h 20 minutes Handling charge, \$1.00

JUNIOR PROM (SM, Color)

Dramatization of two boys dating, calling for and taking their girls to the very important Junior Prom during which proper etiquette is effectively presented.

j-h-c 20 minutes \$3.00


JUSTICE UNDER LAW

(TFC, Restricted to Classroom Use)

Filmed in documentary style, this excerpted version of a feature photoplay vividly emphasizes the ideal of justice under American law and shows a true case in which a prosecuting attorney fulfilled his duty to protect the innocent as well as to punish the guilty. The film also stresses the importance of weighing evidence carefully to prevent mob hysteria and protect the individual's Constitutional rights.

In simple and direct fashion the film tells the story of the murder of a beloved clergyman. Public outrage at the brutal crime demands quick arrest and punishment of the killer. A suspect is picked up in the police dragnet, and seven witnesses identify him as the murderer. Ballistics experts state that the bullet taken from the body of the victim was fired from the revolver found in possession of the suspect. To all intents and purposes, it was "an open and shut case."

Interesting sequences depict the working of legal machinery in such a case, including the police investigations and line-up of suspects, the coroner's hearing and the arraignment.



Paris 1900

Combines rare and unusual newsreel shots of the period with an outstanding commentary by Monty Wooley to make a magnificent documentary. All the great and near-great personalities of the world at the turn of the century are shown, set against the background of the gay, fabulous Paris of the era between 1900 and World War One. A film of great historical and sociological significance.

When the prosecutor appears at the arraignment, he dumbfounds the court by entering a plea of innocent for the suspect. He proceeds to disprove each piece of evidence which seemed to doom the man to conviction. The adherence of the prosecutor to the ideal of his office frees an innocent man and provides a reassurance of faith in American justice.

h-c 33 minutes \$3.00

KEEP THEM ROLLING (OWI)

A rousing, patriotic subject is sung, with production scenes as a kaleidoscopic background for the song. The song is sung by Jan Peerce and the audience is asked to join in the last chorus, with guiding words superimposed upon the film scenes of industry in action to "keep 'em rolling."

general 4 minutes Handling charge, 50 cents

KEEP UP WITH YOUR STUDIES (C)

Treats the problem of daily assignments and how to handle them efficiently. It motivates interest in doing well on these assignments and doing them regularly. Specific and helpful suggestions on organizing study time, study materials, and study conditions are presented.

j-h-c 11 minutes \$1.25

KEEPING THE PEACE (BIS)

Shows the various measures of international cooperation between the United States and the countries of Europe from the Atlantic Pact to the establishment of the North Atlantic Treaty Organization.

h-c-a 10 minutes \$1.25

KENTUCKY PIONEERS (EB)

The film shows how the settlers migrated to the West from the Eastern seaboard, braving the dangers and hardships to seek new lands, clearing lands and building log cabins.

i-j-h 11 minutes \$1.25

KIDNAPPED (TFC, Restricted to Classroom Use)

A school version of 20th Century-Fox's feature picture of the same name.

i-j-h 40 minutes \$4.00

KIDNEYS, URETERS, AND BLADDER (B)

Gives a description of the anatomical features of the kidneys, the ureters and the urinary bladder. Animated drawings describe the functioning relationship of the parts of the system and the process of urine formation and elimination of waste matter.

h-c 11 minutes \$1.25

KIDS MUST EAT (USDA)

An entertaining motion picture features the Quiz Kids, Joel Kupperman, Ruth Duskin, David Davis, and Pat Conlon, in a typical quiz session. Many people will learn for the first time on viewing the film that the Department of Agriculture is sponsoring a community school lunch program, and what they can do to get a similar program started in their own community.

i-j-h 18 minutes \$2.00

KING FOOTBALL (IHSA)

Presents 1949 rule interpretations of high school football. Animation is used to diagram offensive and defensive penalties. Locations and jurisdiction of game officials are shown.

h-c 33 minutes Handling charge, \$1.50

KING MIDAS AND THE GOLDEN TOUCH (C)

An unusual version of this well-known fable of the king who coveted gold. Puppets created especially for filming are employed to teach the lesson. Other fantasies in this series are: Cow and the Sprite, Rumpelstiltskin, Honest Woodsman, The Legend of the Pied Piper.

general 11 minutes \$1.25

KING WITHOUT A CROWN

(TFC, Restricted to Classroom Use)

In 1793, in Paris, the people are demanding the life of the king. He is guillotined and his son becomes Louis XVII, a king without a crown or throne. He is taken from his mother to be used as a pawn in bargaining. Disease is said to have caused his death, but doubt is expressed by many.

Fifty years later, a prince, the son of Louis Phillipe, appears in Green Bay, Wisconsin. He summons a priest, Eleazar Williams, who he has reason to think is Louis XVII. Williams was born of an Indian mother, he says. The prince's theory is then pictured.

The dauphin's place in a prison cell was taken by a sickly peasant boy and dauphin spirited away to America where he was left in the care of Indians. The prince now tells Williams that he is the son of King Louis XVI and requests his written abdication to forestall those who would still try to put him on the throne. Williams refuses this since he would be signing away the rights of his own son.

Later we see the aged sister of the lost dauphin reading an account of his claim published by Williams. She demands the truth from the son of Louis Phillipe who tells her that the story is an hallucination on Williams' part.

j-h-c 10 minutes \$1.25

KITTY CLEANS UP (YA)

Tells the story of a small girl, Helen, and her pet cat. Helen bathes, dresses, and eats, in preparation for

taking Kitty to the pet show at the school. The cat parallels Helen's actions in washing and eating.

p 10 minutes \$1.25

KNIGHTS OF THE HIGHWAY (JH)

Pictured are the safety procedures followed by the drivers of the great commercial vans which ply our highways at night and offer tips to all motorists who drive at night.

There are suggestions for safe night driving in clear weather and in fog, which include definite information about the correct use of the headlights, the maintenance of all lights, and use of safe speeds as related to the visible distance ahead.

j-h-c 22 minutes \$2.00

KNOW THE EGGS YOU BUY (USDA)

Shows how eggs are graded and what the different grades mean. Tells when to buy and use the different grades of eggs.

c-a 6 minutes Handling charge, 50 cents

KNOW YOUR BABY (NFBC, Color)

Illustrates approved methods of care of the new baby. A home situation is shown where other children are present. The consideration and understanding necessary until the family adjusts itself to the demands of the newcomer are noted.

h-c-a 11 minutes \$2.25

KNOW YOUR CAR (UW)

Construction of a car chassis; how the engine converts gasoline into power; the function of the clutch, transmission, and rear axle; how brakes stop the car, how the electrical and cooling systems function; and what the telltale gages on the instrument panel indicate.

h-c-a 15 minutes \$2.00

KNOW YOUR LIBRARY (C, Color)

Produced in collaboration with Miss Alice Lohrer, Assistant Professor of Library Science, University of Illinois, to aid students to whom a library was a bewildering or even fearsome place. Viewers will learn something of the over-all organization of a typical high school library, how to use the card catalog, something of the Dewey Decimal System, arrangement of the books on the shelves, and how to use such supplementary materials as the encyclopaedia, the Reader's Guide and the vertical file.

j-h 10 minutes \$2.25

KOREAN BACKGROUNDS (IFB)

Photographed by American cameramen in the period following World War II and just before the

present conflict. The film is documentary in form, and traces the history and social economy of the people from 19th century domination by China to the present. It is not a war film. It does, however, point out how the liberation from Japan led to a division at the 38th Parallel — the basis for the present struggle.

h-c-a 17 minutes \$2.00

KRAKATOA (TFC, Restricted to Classroom Use)

We see volcanoes in Japan and visit Vesuvius, Aetna, and Mauna Loa. Streams of lava flow down mountain sides, spread over plains, flow into the sea. A map shows the volcanic belts of the earth. On an animated globe we locate Krakatoa, the scene of the greatest volcanic eruption known to man. We hear that this occurred in 1883, blew half a large island into the air, produced the greatest of tidal waves, caused an air wave that was traced seven times around the world, produced dust that dimmed the sun all over the world for months after. Diagrams show the peculiar geologic factors that made this eruption possible. A remarkable sequence shows Krakatoa erupting through the ocean to throw ashes and lava high in the air.

j-h-c 30 minutes \$3.00

LA FAMILIA SANCHEZ (SPANISH CHILDREN—IN SPANISH) (EB)

This is the story of the EB film, Spanish Children, told in simple and slow-paced Spanish. The vocabulary and sentence structure meet the needs of beginners. As we watch real Spanish people going about their daily tasks, we listen to a description about what they are doing in the language that they speak — the language which has been simplified for understanding by beginning students in Spanish. The film provides a delightful visit with a rural family of southern Spain with particular emphasis on the activities of the children of the family.

h-c-a 11 minutes \$1.25

LA PAZ (CIAA)

The highest capital city in the world is La Paz, the center of a native culture that has been adjusted to living 12,000 feet above sea level since the time of the Incas. The ancient silver capital of the colonial world, Potosi, and other cities of the Bolivian highland also come into the picture. Industrial developments, Indian life and some modern trends in agriculture are illustrated.

i-j-h-c 18 minutes \$2.00

LA SALLE (EB)

Highlights significant events in the triumphant, yet tragic, career of Robert Cavalier, Sieur de la Salle. Reveals him first as a young Jesuit novice who leaves the order for work in the New World. Traces his association with Frontenac, his relations with the Indians,

his passage down the Mississippi, and his claiming of the Valley for France. Points out the many set-backs which hampered the attainment of his major objectives, and his ill-timed death which ended his attempt to establish a settlement at the mouth of the Mississippi.

j-h-a 22 minutes \$2.00

LABOR AND CHILDBIRTH (MF)

Diagrams show the main muscles involved in labor. Explains the three stages of labor, emphasizing when to go to the hospital, what to expect there, and the need for confidence and relaxation. The birth of the baby is shown by diagrams. Also pictures the labor room, delivery room, and nursery of the hospital.

c 17 minutes \$2.00

LADY MARINES (OWI)

Is the story of the Marine Corps Women's Reserve. Previous to its organization, thousands of men were engaged in handling the complicated administrative machinery made necessary by war. To free these men to fight, the Marine Corps Women's Reserve was organized. Girls from all over the country responded to the call. Interesting details of the indoctrination period are shown.

h-a 20 minutes \$2.00

LADY OR THE TIGER

(TFC, Restricted to Classroom Use)

The dramatization of Frank R. Stockton's famous story in which a princess is required to choose between sending her lover to death or to another woman. The author and the picture leave the reader in doubt concerning the outcome, and the narrator's interesting commentary highlights the unusual story.

j-h-c 10 minutes \$1.25

LAFAYETTE, CHAMPION OF LIBERTY (ACFC)

This film pictures the colonies, in the year 1777, at war with England. Then, in a room in France, several men are talking. One of them, Gilbert de Motier, better known as Marquis de Lafayette, speaks of his admiration for the American colonists and his own love of liberty. He wishes to join them and make their fight his own. However, he doubts that the King of France will give his permission.

De Motier flees in disguise to a Channel port, evading the King's men sent to stop him. He takes passage on the first ship sailing, and lands at Charleston. From there he makes the long trip to Philadelphia to offer his services to the Continental Congress. Refused admittance at the door, he appeals by letter directly to Washington.

Sent for by Washington, he offers his services and five million francs from his own fortune. Washington replies that the most he may offer the Marquis de

Lafayette in return is a commission as brigadier general. Lafayette's greatest aid to the cause was at Valley Forge. He and Washington discuss the plight of their troops, and Lafayette makes the rounds to encourage the men.

His courage carried him through a turbulent life—he labored for fifty years in France for liberty. As an old man, he requests that he be buried in France, in soil brought from the bloodstained sides of Bunker Hill.

i-j-h 11 minutes \$1.25

LAND BEHIND THE DIKES—HOLLAND (UW)

In low lands by the sea, it is possible to enlarge farming areas by draining off the water and reclaiming the land. Small, densely populated countries have found this practice to be advantageous. In this picture, we study how these principles apply to the Netherlands, a low country, nearly half of whose area is below sea level. Dutch people have been working for hundreds of years making new land by draining swamps, shallow lakes, and even the sea itself. The reclaimed land, known as Polderland, is very productive. Farm products often move to market by boat on the canals. The land has been drained by dikes, canals and windmills. Today, modern pumping stations are replacing the more picturesque windmills. The work of draining the land is still going on.

i-j-h 22 minutes \$2.00

LAND OF LIBERTY (TFC)

This film epitomizes more than a century and a half of American history. It is composed of sequences from 112 different feature pictures and shorts, plus newsreels, and portrays the story of men and women who struggled to attain and defend American liberties.

It is divided into 4 units as follows:

Reel I—Colonial Period to 1805

Reel II—1805-1860

Reel III—1860-1890

Reel IV—1890-1938

general Each reel 22 minutes, each reel, \$2.00

Note: Regulations governing the use of films from Teaching Films Custodians (see page 5) have been modified for showing of this film. It may be shown by any nontheatrical group which desires to use it for patriotic purposes provided no admission is charged.

LAND OF LITTLE WATER (EB, Color)

This film tells the story of water—the lack of it, and the excess of it on our western land. Overgrazing by sheep and cattle is the demonstrated cause of denuded land which cannot hold the impact of rain, and which thus becomes bare, exposed, torn ground. The film provides important understanding on the prevention of soil erosion.

i-j 12 minutes \$2.25

LAND OF MEXICO (EB)

The origin, history, and present status of the people who now make up the population of Mexico are shown. Being chiefly an agricultural nation, emphasis is put on the habits and customs of the people in rural areas. Corn harvesting and grinding, home-building, beverage preparation, pottery-making, and handicraft work are among the activities shown. A clear portrayal of the culture patterns of the Mexican people is useful in focusing attention on current and persistent social problems which they face.

j-h-c 11 minutes \$1.25

LAND OF MONTEZUMA (HOP)

A Spanish version is also available. Scenes in Mexico City and the surrounding countryside.

j-h-c-a 9 minutes \$1.25

LAND OF THE AZTEC (ICS)

This film pictures the glory of the ancient civilization and the Mexico of today.

i-j-h 11 minutes \$1.25

LAND OF THE MAPLE LEAF

(TFC, Restricted to Classroom Use)

A travelogue of Canada, including a close-up of a moose eating. The commentator discusses the strength of the moose and its desire for solitude. Accompaniment of choral singing; "The Maple Leaf Forever" is sung at the conclusion.

j 10 minutes \$1.25

LANGUAGE OF DRAWING (McGH)

This film attempts to provide a sensible and acceptable answer to the question, "Why study mechanical drawing?" and to stimulate the beginning student's interest in the subject. (For other titles in this series see Auxiliary Views Part I.)

h-c 11 minutes \$1.25

LANGUAGE OF GRAPHS (C)

Illustrates how clearly graphs can sum up a situation by showing boys and girls considering the financial and circulation problems of their school newspaper with bar, line, circle, and equation graphs to picture relationships and make comparisons.

j-h-c-a 12 minutes \$2.00

LANGUAGE OF MATHEMATICS (C)

Here is a practical application of mathematical terms; one that shows how mathematics is fundamental to our society and to every phase of modern living. In this film students see "in action" the precise and mean-

ingful symbols of mathematics. They learn how this unique language helps them to state—and solve—problems more rapidly and accurately. A review of the use of graphs, measurements, and numerical operations is clearly presented in the conclusion.

j-h 11 minutes \$1.25

LAPLANDERS (EB)

The reindeer Laplanders follow the reindeer herds for their food, clothing and other necessities of life. Some of the children get jobs in the cities, but the people who love the nomadic life of following the reindeer herds still continue. Shows handling the reindeer, milking them, picking out the ones to be butchered, and taking care of the meat, hides, and horns.

i-j 10 minutes \$1.25

LAST DATE (MTP)

A film on "teenicide" which tells the story of four teenagers whose lives were tragically affected by the reckless driving of one of them. Designed for audiences of both parents and youngsters.

j-h-c-a 20 minutes \$2.00

LAST LESSON, THE

(TFC, Restricted to Classroom Use)

This is the story of a little French village in 1870 just after the occupation of France by Germany. A French schoolmaster is teaching his last lesson before the German school teacher comes to take his place.

j-h-c 10 minutes \$1.25

LATHE OPERATION (FP)

The various operations that can be performed upon the machine are illustrated, straight turning, facing of work, boring of holes, production of a taper, screw cutting, parting, knurling, etc. Methods of holding and driving work are shown, such as chucks, on centers, faceplate, collet, mandrel, etc.

j-h-c 20 minutes \$2.00

LATITUDE AND LONGITUDE (UW)

Interpretation of latitude and longitude as angular distances from given points, rather than as imaginary lines. The use of latitude and longitude to determine a position is indicated. Film technique has been used to show section of the globe, thus demonstrating the relation between angles subtended at the center of the globe or at the axis and linear distance on the surface of the globe, also to show the connection between lines of latitude and longitude and angles subtended in the interior of the world.

j-h-c 11 minutes \$1.25

LAUNDERING AND DRY CLEANING (VGF)

A trip through a laundering and dry cleaning plant shows types of work, extensive training needed, machine operations, etc. Intentionally made for vocational guidance use.

j-h-c 10 minutes \$1.25

LAW AND SOCIAL CONTROLS (C)

The nature of law and social controls remains basically the same, whether demonstrated on a world-wide basis or in a relatively minor incident. Three broad areas of social control are established: customs, moral codes, and laws. Then some levels of law are explained: local, state, national, and others.

j-h 10 minutes \$1.25

LAWS OF MOTION (EB, Color)

Graphically explains the three laws of motion and points up important events leading to the discovery of them. Simple experiments with moving balls illustrate the theory of the laws, while other examples provide dramatic evidence of the application of these laws to everyday experience. Included in the film are appropriate demonstrations of autos, in motion on curves and slippery surfaces, and a locomotive, an airplane, and a revolver in action.

j-h 12 minutes \$3.00

LAYING OUT SMALL CASTINGS (UW)

Shows in detail the methods and procedures used when laying out a small casting for drilling. The location of a reference point and the necessity for working from this reference point when laying out such castings is emphasized. Concludes by emphasizing for accuracy in all layout work.

h-a 16 minutes \$2.00

LAYING THE ATLANTIC CABLE (KB)

Scenes aboard a cable layer bound from Newfoundland to the Azores. Explains depth sounding and shows how a telegraphic cable is constructed and laid.

i-j-h 11 minutes \$1.25

LAZY RHYTHMS (OF)

Starring the Mills brothers singing "Lazy River," "Rockin' Chair" and "Till Then."

general 11 minutes \$1.25

LEAD FROM MINE TO METAL (USBM, Color)

The many uses of lead in everyday life, and the way in which men "fish" for lead deposits. We see the modern mining methods and the refining and working of the ore after it comes from the mine. The refined lead is distributed for use in thousands of products.

j-l-h-c-a 30 minutes \$1.00

LEARN TO ARGUE EFFECTIVELY (C)

Argumentation is essential to democratic living and everyone should learn to argue purposefully and soundly. This film clarifies the role of persuasive argument. It shows when arguments are purposeful, what subjects are good and bad and what is a basis for a profitable argument.

j-h-c-a 11 minutes \$1.25

LEARN TO SWIM (USDA)

This subject shows the "confidence method" of learning to swim as demonstrated by CCC boys and Olympic champions in famed Silver Springs, Florida. Boys illustrate the proper method of getting used to the sensation of being in the water. Next proper breathing is taught, and in shallow water they practice the flutter kick and floating. The arm movements suggested for beginners include the dog paddle stroke, sculling, and finning, after which the crawl stroke is demonstrated. The last step is learning to turn. Experts show the three kinds of kicks, and the several strokes recognized in competitive swimming.

i-j-h 20 minutes \$2.00

LEARNING ABOUT THE PAST (IU, Color)

Shows methods used by archaeologists to discover, excavate, study, and interpret a buried prehistoric American Indian culture whose unwritten record lies in physical remains and features. Filmed at the Angel Mound Site on the banks of the Ohio River near Evansville, Ind.

h 10 minutes \$2.25

LEARNING FROM CLASS DISCUSSION (C)

Discussion is a vital part of our everyday life and this film offers some excellent pointers on the value and necessities of worth-while discussion. Students see that this organized conversation helps clarify ideas and provides for an interchange of information. Some of the "ingredients" of a good discussion are outlined for consideration by the audience.

j-h 11 minutes \$1.25

**LEARNING TO UNDERSTAND CHILDREN:
PART I DIAGNOSTIC APPROACH (McGII)**

Diagnostic and remedial study of the educational, social and emotional problem of a ninth grader. (For other titles in this series see Broader Concept of Method Part I.)

c 21 minutes \$2.00

**LEARNING TO UNDERSTAND CHILDREN:
PART II REMEDIAL APPROACH (McGII)**

A continuation of the first film. Teacher does all she can to help pupil overcome shyness and maladjustment

to school life. (For other titles in this series see Broader Concept of Method, Part II.)

c 23 minutes \$2.00

LEATHER WORK (GAF)

Demonstrated is the making of a coin and key purse. A number of leather articles are displayed. A few of the most popular types of leather—snake, goat, pig, steer, calf and cow—are shown. The pattern is cut. The design is transferred to the dampened leather. The modelling is done. India ink, blended with water, provides permanent colors. The holes for lacing are registered from the pattern and punched with a hand punch. A drive punch is used for the snap buttons and the key plate. An eyelet spreader fastens the key plate. Parts are laced together. The ends are cemented inside the coin purse. A chemical compound readily available is used to clean, polish and preserve the leather.

j-h-c 10 minutes \$1.25

LEAVES (EB)

Structure, functions, and types of leaves; shows in detail the parts of a leaf and a cross-section illustrates the arrangement of cells and veins for the manufacture of food. The process of food-making is seen in animation.

i-j-h-c 11 minutes \$1.25

LEGEND OF THE PIED PIPER, THE (C)

A delightful fantasy employing puppets created especially for films. Besides being entertaining, it is educational and teaches that "we should keep our word." See listing of other fables in this series: Cow and the Sprite, Rumpelstiltskin, Honest Woodsman, King Midas and the Golden Touch.

general 11 minutes \$1.25

LEOPOLDVILLE (FON)

The capital of the Belgian Congo, a city of surprising modernity and high standard of living. Industries, customs and daily life are shown.

h-c-a 17 minutes \$2.00

LES MISERABLES

(TFC, Restricted to Classroom Use)

A school version of the feature-length dramatization of Victor Hugo's novel.

h-c 40 minutes \$4.00

LES PERLES DU DJERID (FSL)

The people of Tunisia are shown in their everyday way of living, working and worshipping. Narration in French.

j-h-c 30 minutes \$3.00

LESSONS FROM THE AIR (BIS)

The children of Britain have good modern schools and enthusiastic teachers but their mental experiences would be limited to their immediate locality were it not for the British Broadcasting Corporation's daily educational broadcasts to Britain's schools. Describes the detailed planning which lies behind these broadcasts.

h-c-a 14 minutes \$2.00

LET THE BUYER BEWARE

(TFC, Restricted to Classroom Use)

Illustrates what happens when merchants make deals with criminals to take stolen goods and market it across the counter with regular merchandisc. A shipment of sulfapyradine tablets becomes contaminated as the criminals are re-labeling it and a number of deaths result.

h 18 minutes \$2.00

LET'S BE CHILDISH (ECA)

In this film, set against backgrounds of the ice-capped French Alps, the children of all the countries teach a lesson in international cooperation. Working together to build a snow city, they win a prize more valuable to them than anything they might have gotten through individual enterprise.

j-h-c-a 20 minutes Handling charge, \$1.00

LET'S CATCH REPTILES (BFS, Color)

Ted, Dick and Susan go on a collecting trip in the fields near their home. They find a Brown-shouldered Lizard, a Bluebellied Swift, a Bluetail Skink, a Horned Lizard, a Tortoise, and a King Snake.

i-j 11 minutes \$2.25

LET'S COUNT (C)

The children in this film learn that counting is much more than a mere repetition of consecutive numbers. Through the problems of counting a group of baby chicks, blocks of a house, a bag of marbles, and others, they learn to distinguish between cardinal and ordinal counting, that numerical symbols are easier to use than tally marks, and that counting can help them answer the questions, "How many?"

p 11 minutes \$1.25

LET'S DRAW WITH CRAYONS (C, Color)

Classroom use of crayons (including how to handle, care for, and store); demonstrates some of the interesting art effects, expressions, and satisfaction that can be achieved through different crayon techniques.

i 11 minutes \$2.25

LET'S GIVE A TEA (EB)

Proper conduct at tea time—accepted procedures of dress, invitations, guest lists, etc., woven into story



HIGH WALL

The ugly beginnings of prejudice.
Shows the effects of home life in
forming attitudes.

30 MINUTES RUNNING TIME

\$3.00 PER WEEK

form. How to arrange a table including selection and placing of cloth, centerpiece, candles, service, cups, spoons, napkins, and food. Points out that rules of etiquette are practical and show consideration for guests.

j-h-c-a 20 minutes \$2.00

LET'S GO TO THE MOVIES

(TFC, Restricted to Classroom Use)

Presents an over-all picture of the background, development, and technical advances made by the motion picture throughout the years. In a rapid review of the motion picture's progress from its inception, stars and scenes from milestones of motion picture history are presented.

general 11 minutes \$1.25

LET'S HAVE FEWER COLDS (C)

Simple practices can reduce substantially the number of colds we get each year and this film points out these habits—vividly and positively. Children, and their parents, learn here the importance of avoiding contact with people having colds, avoiding chilling or overheating, and establishing good health that will prevent colds.

p-i-a 11 minutes \$1.25

LET'S LOOK AT ANIMALS (YA)

An all animation film which introduces the child to animal movement, coverings, protection, food getting, environment, etc.

p-i-j 11 minutes \$1.25

LET'S MAKE A CAKE (EB)

Demonstrates a simple, efficient way to make a birthday cake.

j-h-c-a 5 minutes \$1.25

LET'S MAKE A CASSEROLE (EB)

Illustrates an appetizing way to use cold chicken in a casserole.

j-h-c-a 5 minutes \$1.25

LET'S MAKE A MEAL IN TWENTY MINUTES (EB)

Shows how Sally can utilize her mother's emergency canned-goods shelves to turn out a hot meal in very little time.

j-h-c-a 5 minutes \$1.25

LET'S MAKE A PIE (EB)

Shows Sally Gasco working in the well-equipped kitchen of her family's home.

j-h-c-a 5 minutes \$1.25

LET'S MAKE A SALAD (EB)

Pictures Sally learning how to create attractive and delicious tossed salad for her mother's luncheon party.

j-h-c-a 5 minutes \$1.25

LET'S MAKE A SANDWICH (EB)

Shows two boys' ideas of good sandwiches in contrast with the more attractive tuna rarebit sandwiches that Sally prepares for her guests.

j-h-c-a 5 minutes \$1.25

LET'S MAKE CONCRETE (PCA, Color)

Shows how to make good-quality concrete and good construction practices for farm improvements.

h-c-a 20 minutes No charge

LET'S OPEN OUR EYES (NMP)

The deadliness of syphilis is emphasized and its threat to public health generally. It presents a plea for a frank and straightforward recognition of the menace of this scourge and outlines means of public control essential to eliminate it.

h-c 11 minutes \$1.25

LET'S PAINT WITH WATER COLOR (C, Color, B & W)

The main objectives of this film are to motivate interest in creative water color painting, to motivate

careful use of water color equipment, and to illustrate some methods and skills of water color painting. Different ways to use water color correctly are contrasted with the bad results that come when the correct ways are not used. Children will see the benefits of organizing their work, keeping their paints and paint-trays clean, of changing paint water and taking care of their brushes. Three basic techniques for achieving different effects in the pictures painted are clearly demonstrated.

p-i 11 minutes Color, \$2.25; B&W, \$1.25

LET'S PLAY FAIR (C)

Sharing, taking turns, obeying rules are some of the basic elements of fair play that Herbie and his brother Bill discover in this picture. Although it sometimes takes careful consideration, fair play is the way to have the most fun.

p-i 10 minutes \$1.25

LET'S PLAY SAFE (POR, Color)

Combining live photography and animation this film shows school children on the playground. Six playground incidents are dramatized showing hazardous situations developing. Just as it appears that someone will get hurt the action is stopped, and animated characters show what might happen. Then the children are given opportunity to repeat their performances, but to correct their attitudes and do it safely.

The unique device of switching from live photography to amusing animation to show dangerous situations, the easily remembered names of the six offenders, and the positive approach throughout should make this film very effective for motivating an interest in safety on the playground, especially on the intermediate grade level.

general 11 minutes \$2.25

LET'S PLAY WITH CLAY: ANIMALS (YA)

Demonstrates the general character of clay, how to handle it, how to keep it smooth, how to keep it from breaking, and how to obtain a satisfactory finish. Shows how to make such simple forms as a bird, pig, rabbit, fish, cat and snowman—all by means of hand operations.

p-i-h 11 minutes \$1.25

LET'S PLAY WITH CLAY: BOWLS (YA)

Sequel to Let's Play with Clay: Animals. Begins with rolling a piece of clay between the hands to make a ball, then shows how this can be worked by hand into a variety of shapes—a teacup, saucer, cream pitcher, sugar bowl, and several decorative bowls.

p-i-a 11 minutes \$1.25

LET'S READ POETRY (BFS)

Tommy, a boy of 13, reads several poems and the narrator shows him how he could better understand

what he reads. Designed to help the teacher stimulate interest in the reading of poetry, and to help the student understand what he reads.

i-j 10 minutes \$1.25

LET'S SHARE WITH OTHERS (C)

Various examples of sharing are shown to demonstrate to children that sharing is a desirable and essential discipline of democracy. The inherent or natural limitations of sharing are illustrated but the new values and pleasures that come with sharing are emphasized.

p-i 11 minutes \$1.25

LET'S VISIT A POULTRY FARM (C)

Gives students an opportunity to tour a poultry farm with Betty, a young city dweller.

p-i 11 minutes \$1.25

LETTER TO GRANDMOTHER (C)

When Mary goes to mail her letter a friendly postman invites her to visit the post office. She does so and learns how mail is collected, cancelled, sorted and sent to its destination via railway, mail car and RFD carrier to her Grandmother's.

p-i 20 minutes \$2.00

LEVER-AGE (SOC)

Deals with man's use of the principle of the lever through its many refinements from the early crowbar to modern, smooth running gears.

h-c-a 20 minutes \$2.00

LEWIS AND CLARK (EB)

Tells the story of the expedition made by Merriweather Lewis and William Clark to explore the land from the Mississippi to the Pacific Coast. Follows their party up the Mississippi River to Mandan Indian territory in North Dakota where they established winter camp. Portrays their meeting with the Frenchman Charbonneau and his Indian wife Sacajawea who became their guides. Continues with them across the northern Rockies and down the Columbia River to its mouth. Reveals details of scientific exploration with respect to topography, natural resources, and plant and animal life.

j-h-a 22 minutes \$2.00

LIBERAL EDUCATION (USN, Color)

John Paul Jones wrote that naval officers should be "men of liberal education." And, in using his words as guide to officer education, the United States Navy provides a most liberal education for its scholarship students enrolled at colleges under the NROTC training program. For four years, the young man in naval training gets the best in liberal education with summers spent at sea, putting to use what he has learned in his

naval science classes. When the four years are through, he has become a well-educated naval officer.

h-c 20 minutes Handling charge, \$1.00

LIBRARIAN (VGF)

A requisite for becoming a librarian is a liking to bring people and books together. The usual types of activity a general and specialized kind of librarian must engage in are well illustrated from scenes taken in libraries. The film is of value in a guidance program.

h-c 11 minutes \$1.25

LIBRARY OF CONGRESS (Castle)

A pictorial tour of the Library of Congress showing its many and varied facilities and activities.

j-h 20 minutes \$2.00

LIBRARY ORGANIZATION (C)

High school and college students are expected to have a certain basic knowledge of the organization of the libraries they use, but this basic knowledge is not enough for really efficient use of the library. A more detailed understanding of library organization speeds up work in the library and makes for better studying and better use of study time. By explaining the card cataloging system and the Dewey Decimal System in use in one typical library, the film provides students with the means for making their libraries convenient and easy to use treasure houses of information.

j-h-c 11 minutes \$1.25

LIBRARY STORY (EB, Color)

Portrays the ways in which a modern public library serves its community. Dwells on the varied interests of "regular" readers, children, teen-agers, blind people, and those interested in music, showing how the library helps them all. The film takes us to many parts of the library including the children's room, conference room, reference room, catalogue and microfilm sections, and the art balcony.

h 15 minutes \$3.00

LIFE ALONG THE WATERWAYS (EB, Color)

Shows the plants and animals which may be seen in a yearly cycle of life near a New England brook and river.

p-i 11 minutes \$2.25

LIFE BEGINS (EB)

Twenty-four years of clinical practice and research on problems of infancy at the Yale Clinic of Child Development is culminated in this valuable and thorough film devoted to the behavior of children. Many comments relative to the education and mental hygiene of infants and the obligation of home, science,

school and society to promote the infant's welfare are made. (See *Life with Baby*.)

h-c 66 minutes \$6.00

LIFE CYCLE OF A FROG (UW)

Presents a thorough and comprehensive treatment of the development of the frog from the fertilization of the egg to the emergence of the adult. The film's independence of actual time enables growth processes and movements to be sped up, and by means of close-up photography and photomicrography, a detailed analysis of structure and growth can be made by the entire audience simultaneously.

i-j-h-c 10 minutes \$1.25

LIFE CYCLE OF THE MOSQUITO (YA)

A film describing the life cycle, structure, and feeding habits of the mosquito. Live action plus animation is used to show the anatomy of the mosquito egg, the larvae and pupal cases.

h-c 11 minutes \$1.25

LIFE IN A DROP OF WATER (C)

These basic concepts are presented: (1) basic necessities of animal life; (2) simplest forms of plant and animal life; (3) colonial forms of simple animal life. The various single-celled forms are shown in relation to their environment, meeting the minimum problems of all life, and the relative advantages of colonial over individual life.

i-j-h 11 minutes \$1.25

LIFE IN A FISHING VILLAGE (C)

The colorful village of Gravarna, Sweden, is typical of fishing villages the world over. Here we meet Nils Larson and his family, see them at work, at school, at play. We get a revealing, behind the scenes, picture of the fishing industry, including a trip out to sea with the fishing fleet. Through this film students will get a better understanding of the part such a village plays in the world community today.

i-j-h-c 10 minutes \$1.25

LIFE IN A POND (C)

Pond life is presented "in action" here showing students microscopic animals, food-chains, and a wealth of plant and animal life that provide examples of important principles of natural science. Blends natural setting scenes and controlled set-ups with a wide variety of underwater and microscopic scenes.

i-j-h-a 11 minutes \$1.25

LIFE IN AN AQUARIUM (YA)

Shows the setting up of a classroom aquarium stocked with goldfish, snails and tadpoles. Explains

how fish breathe under water and that all animals need oxygen. Shows the difference between lungs and gills, how fish use their tails and fins for locomotion, the stages of the development of the frog from the tadpole, and explains how the snails move about and protect themselves.

p-i-j 11 minutes \$1.25

LIFE IN CENTRAL VALLEY OF CALIFORNIA (C)

Nowhere is man's conquest of nature through using nature itself more perfectly illustrated than in the Great Valley of Central California. Only a handful of the early settlers tried to make this forbidding, hot and dry land support them. Then they began to dig wells, build dams—began to give this naturally fertile soil the precious water it needed. And today, its luxurious abundance of many different crops, its thriving cities, boast of man's prosperity there.

j-h 10 minutes \$1.25

LIFE IN HOT, DRY LANDS (CALIFORNIA) (C)

In a land robbed of rain, all forms of life must struggle to survive. This film tells the story of the fierce battle of survival waged by the starving plant life, the animals, and human beings of the desert who must adapt themselves to this grim existence.

i-j-h 10 minutes \$1.25

LIFE IN HOT, WET LANDS (CONGO BASIN) (C)

It tells the story of how climate influences the lives of people in hot, wet lands. Set in the Congo Basin, this picture provides an authentic, accurate account of the life of a jungle boy and his family. Carefully correlated to standard texts and curriculum objectives, it shows how people adapt their clothing, shelter, social activities and food gathering to the geographic region in which they live.

j-h-a 11 minutes \$1.25

LIFE IN LOWLANDS—THE NETHERLANDS (C)

Peter and Mina are very excited because Grandfather is going to show them how much of their country was claimed from the sea and made into rich polders, or farm land. After meeting a typical Dutch family, the viewer is taken on a tour of the Netherlands, including a visit to the modern city of Amsterdam.

i-j-h 10 minutes \$1.25

LIFE IN MEDITERRANEAN LANDS (CALIFORNIA) (C)

Every continent has at least one example of the unusual "Mediterranean Climate," named after the lands bordering the Mediterranean Sea. This film is

laid in the narrow coastal strip of Southern California, a perfect example of the climatic area. It shows how the people there live and adapt themselves, and what plant and animal life is to be found.

i-j 10 minutes \$1.25

LIFE IN OLD LOUISIANA (EB)

Representative aspects of Louisiana and its key city, New Orleans, during the Creole dominance are shown. Historical and regional factors woven into the film story include: the Mississippi River, the packet boats, the Delta country, slavery, education, religion, music, and architecture.

i-j-h 11 minutes \$1.25

LIFE IN PARIS

(TFC, Restricted to Classroom Use)

A descriptive travelog of the city of Paris with unusually intelligent commentary which includes historical data.

j-h-c 10 minutes \$1.25

LIFE IN THE ANTARCTIC (KB)

In this picture winter and summer on the great Antarctic continent where no man lives and no animals except those that can migrate in winter, or find a home in the warmer waters of the surrounding ocean, are pictured. Also shown are the whaling industry and the Norwegian whaling station on South Georgia, the nearest human habitation to Antarctica.

j-h-c 11 minutes \$1.25

LIFE IN THE MOUNTAINS (C)

Offers a fascinating film study of the conditions and adaptations to living in mountainous regions. It brings to your class a background for study of Switzerland in pictorial form that enriches teaching units over a wide grade level.

i-j-h 11 minutes \$1.25

LIFE IN THE NILE VALLEY (C)

The Nile River—from Cairo to Aswan. Within this narrow Nile Valley, where over fifteen million people live, an agricultural society dependent on the Nile has existed for thousands of years. A close study is made of the activities of a typical Egyptian farm family.

i 10 minutes \$1.25

LIFE IN THE SAHARA (EB, Color)

Reviews important aspects of the life, habits, and customs of people living in the great Sahara.

i-j-h 14 minutes \$3.00

LIFE INSURANCE OCCUPATIONS (VGF)

Explains the role the insurance business plays in the social and economic life of our country. It shows

how life insurance, employing over 300,000 men and women, offers interesting and significant career opportunities.

h 11 minutes Handling charge, \$1.00

LIFE LINE (OWI)

Vivid camera shots of the attack against Rendova and Munda, the Japs' counter attack and the magnificent job of evacuating the wounded and saving their lives.

j-h-c 10 minutes \$1.25

LIFE LINE OF THE NATION (AAR)

Authentic, behind-the-scenes story of the American railroads. Shows what it takes for the backbone of the nation's transportation system to "Keep 'em rolling," and how America's railroads meet wartime emergencies.

i-j-h-c-a 21 minutes Handling charge, \$1.00

LIFE OF A PLANT (EB, Color)

Clearly shows steps in the life cycle of a typical flowering plant, the pea. Identifies the roles of roots, stems, leaves, flower, fruit, and seed. Live-action shots are dramatized through the medium of time-lapse photography. Animated drawings reveal the functioning of the various parts of the plant.

i-j-h-a 11 minutes \$2.25

LIFE OF CHRIST (ATH)

Depicts the Life of Christ through Durer's woodcuts, showing the minute observations, the perfectly caught gestures, the fleeting expressions. These details convey the full aesthetic and religious impact of Durer's works and help to "rediscover," through cinema, the greatness of this man.

general 15 minutes \$2.00

LIFE OF NOMAD PEOPLE (DESERT DWELLERS) (C)

The desert tribes, moving in search of pasture and water, and following the herds that provide food and clothing, have had tremendous influence upon the course of history. From them have come many of our traditions and cultural roots. This picture brings to your classroom a simple yet rich treatment of the life of the desert nomads. It is of superior photographic and educational merit; it is one of the finest social studies films now available.

i-j-h-a 11 minutes \$1.25

LIFE OF THE SOIL (NFA)

This film deals with the use of commercial fertilizer and maximum utilization of all available organic matter.

j-h-c 33 minutes Handling charge, \$1.00

LIFE ON A FRENCH FARM (C)

There is probably no better way to reach a real understanding of another people than to live for a little while with a typical family in their own home surroundings. In this film, the Duvals are introduced, and observed going about their daily tasks.

i-j-h 10 minutes \$1.25

LIFE WITH BABY (FF)

Many of the findings of the Yale Clinic are graphically illustrated in this film, which features candid-camera sequences photographed through a one-way vision dome. (See Life Begins.)

j-h-c 18 minutes \$2.00

LIFE WITH GRANDPA (MOT)

Discusses the problems of old age including degenerative diseases and economic insecurity. Various remedies are suggested to these and the other problems including the feeling of loneliness and uselessness that so frequently comes with old age.

c-a 17 minutes \$2.00

LIFE WITH JUNIOR (MOT)

The camera picks up "Junior" at the start of a typical day and follows him through his sketchy ablutions, a wolfed breakfast, and a dawdling trip to school. The work of the Child Study Association of America is shown. Stresses the need for the development of each child's potentialities.

h-c-a 18 minutes \$2.00

LIFEBLOOD OF THE LAND (UW, Color)

Shows that water and life itself depend upon forests. Demonstrates through animation how rainfall affects forested and deforested slopes, why forests and cover crops are essential to an adequate water supply; what can be done by planting new trees, terracing and seeding hillsides, and avoiding too heavy grazing.

j-h-c-a 20 minutes \$3.00

LIGHT AND POWER (FI)

Deals with the great achievements in the harnessing of electric power—achievements upon which our world now relies for its work, its play, its transportation, and communication. It shows that in the further development and proper control of electric power lies the promise of the future.

j-h 22 minutes \$2.00

LIGHT AND SHADOW (YA)

An introduction to the nature and behavior of light. Demonstrates how light rays are reflected and explains such terms as luminous, transparent, translucent, and opaque.

p-i 10 minutes \$1.25

LIGHT WAVES AND THEIR USES (EB)

This elementary presentation of light includes a comprehensive explanation of the principles of reflection with plane, concave, and convex mirrors. Refraction is clearly revealed in connection with lenses and with special reference to the human eye. The principles and applications of interference are vividly portrayed. This is followed by interesting sequences on polar screens, the electromagnetic spectrum, and the quantum theory. Animation is employed extensively to visualize otherwise intangible processes.

j-h-c 11 minutes \$1.25

LIGHTHOUSE, THE (EB, Color)

The delightful and fascinating story of a young boy whose father is a lighthouse keeper on the California coast. We watch the lad as he listens to ship-to-shore radio messages, helps his father shine the lighthouse prism, and takes care of the power plant. We go with them to town when they purchase supplies, and join the boy in his wanderings along the beach in the shadow of the guardian of the sea and the roar of the waves.

i-j 11 minutes \$2.25

LIMA (OIAA)

Shown are the beauties of the City of Kings, the colonial capital of the Spanish empire in the western hemisphere. The rich historical background is sketched and the modern life of the city is pictured against the background of many beautifully preserved colonial palaces and buildings. Some of the modern problems of this transplanted old-world society are indicated.

i-j-h-c 17 minutes \$2.00

LIMA FAMILY (OIAA)

The everyday life of a well-to-do family of modern Peru is shown in this film. How the protected women of such a house spend their time, their pride in their traditions, the formal manners and religious constancy of their lives—all come into the picture. Through this family the least changed social life of Latin America can be understood.

i-j-h-c 18 minutes \$2.00

LIMESTONE CAVERNS (C, Color)

Illustrates formation and growth of stalactites, stalagmites, helictites and colites and includes interesting facts about several well-known caverns.

j-h-c 10 minutes \$2.25

LINCOLN FIELD TRIP, A (IFB)

A camera tour through the "Lincoln Country" in Illinois. Scenes from New Salem, showing Lincoln's store and other historic scenes; and views of Springfield, the old State House, the Governor's Mansion,

and Lincoln's tomb. Also shown is a scene in Beardstown, Illinois, where Lincoln conducted one of his famous trials.

i-j-h-c-a 10 minutes \$1.25

LINCOLN IN THE WHITE HOUSE

(TFC, Color, Restricted to Classroom Use)

When Hay brings a telegram announcing the firing on Fort Sumter, Lincoln prays for guidance and assembles his cabinet.

There is fighting between the North and the South, and when next the cabinet assembles the Gettysburg victory is announced. Lincoln refuses to think of peace without the certainty of one free and undivided nation.

In spite of his son's illness, Lincoln decides he must go to Gettysburg to speak. He is shown writing his speech on the train. When Everett is through speaking at the Gettysburg battlefield, the President is introduced and the picture closes with the Gettysburg address.

j-h-c 20 minutes \$2.00

LINE FROM YUCATAN, A (OIAA)

Planters of Mexico's famed peninsula meet the opportunity to provide sisal hemp when war closes sources in the Pacific.

general 11 minutes \$1.25

LINES AND ANGLES (KB)

Presents some of the mathematical applications of basic geometry. Shows the erection of a perpendicular, and illustrates the relationship of the perpendicular to the ordinary plumb bob, level, and square. Shows how angles are formed and measured, and the relationship of angles to each other.

h-c 10 minutes \$1.25

LIQUID AIR (NA)

A complex problem in chemistry is explained and demonstrated in simple experimental terms—the manufacture and uses of liquid air and other gasses. We see how liquid air flows like water; the effect of pressure and temperature on form as iron is liquefied. We see liquid oxygen and its uses; the manufacture of nitrogen, neon, hydrogen and liquid helium at 269 degrees below centigrade zero—only four degrees above absolute zero.

j-h-c-a 11 minutes \$1.25

LISTEN WELL, LEARN WELL (C)

Presents the techniques concerned with being an "active" listener. Points out the type of things to listen for, how to interpret words and sentences, and how to understand what the speaker means by asking questions and concentrating.

p-i 10 minutes \$1.25

LITERATURE APPRECIATION: ENGLISH LYRICS (C)

Gives students a new means of appreciation and understanding of the works of Tennyson, Keats, Wordsworth, Shelley, Shakespeare, and other English poets, by its translation of their works through the medium of the motion picture. The best in lyric language is presented here against the actual scenes as the poets saw them . . . the Shropshire country as Alfred Housman knew it; the surf at Dover Beach where Matthew Arnold walked; the magic of an English spring as Robert Browning dreamed of it from abroad.

j-h-c-a 11 minutes \$1.25

LITERATURE APPRECIATION: HOW TO READ POETRY (C, Color)

In this film your students will discover understanding the poet, looking for experiences the poet is sharing, and recognizing word devices used to convey the experiences will increase their pleasures in reading poetry.

j-h-c 10 minutes \$2.25

LITERATURE APPRECIATION: STORIES (C)

This film will increase the interest of students in the appreciation and enjoyment of great literature. They will learn how to approach stories for a better understanding, how to interpret the various types of stories, and how to develop an appreciation of the fine stories which have been written.

j-h-a 14 minutes \$2.00

LITTLE FUGUE IN G MINOR

(TFC, Restricted to Classroom Use)

Leopold Stokowski leads the Philadelphia Symphony as it plays the composition by Johann Sebastian Bach. The fugue itself is preceded by the hymn "A Mighty Fortress Is Our God."

j-h-c 5 minutes \$1.25

LITTLE PHANTASY, A (NFBC)

A weird and eerie musical and artistic phantasy on a nineteenth century painting. The ghostliness of the effect is heightened by the use of black and white photography and extremely low-key lighting.

general 4 minutes \$1.25

LITTLE RED HEN (C, Color)

Another background for reading and expression for primary grade children. Retells the famous fable in a charming combination of art and live action. Technique is unique, but to the teacher, the value of the film lies in the common class experience it offers, the vocabulary development, and the interest it excites in all language activities.

p 11 minutes \$2.25

LITTLE RED RIDINGHOOD (SF)

The fairy tale, told with live actors and dialog.

p-i 11 minutes \$1.25

LITTLE SWISS WOODCARVER, THE (FCE)

Story of a school for wood carving in Switzerland and of a boy who earned his way to go there. Filmed in Switzerland with many examples of Swiss art in carving and the natural beauty of the Alps which inspired it.

p-i 14 minutes \$2.00

LITTEST ANGEL, THE (C, Color, B&W)

The Littlest Angel comes to the Gates of Paradise a very lonely and unhappy cherub. Though he tries hard to look and act like a good little angel, he just doesn't succeed. Finally he is summoned before the Understanding Angel where the broken-hearted little cherub tells how he wouldn't make trouble again if he could only have a box he left at home. Messengers bring the box back to Paradise, and the conduct of the Littlest Angel is above reproach. When Jesus is born, all the Angels busy themselves with the preparation of costly gifts. The lowly gift of the little box, however, is chosen by God to shine as an inspiration for all men.

i-a 14 minutes Color, \$6.00; B&W, \$5.00
(one day only)

LIVE AND LEARN (SD)

Intended for children ages 5 to 14. Illustrates that the accidents that happen at home and at play can be avoided by taking time to think.

p-i-j 13 minutes \$2.00

LIVE TEDDY BEARS (EB)

A portrayal of the habits, characteristics, and habitat of the amusing little Australian animal called "koala" which closely resembles the teddy bear.

p-i 11 minutes \$1.25

LIVESTOCK AND MANKIND (USDA)

Here is a history of scientific research in the field of animal husbandry. Scenes include inspection of herds, study and experiment with domestic animals, issuance of bulletins to farmers on animal problems, production of motion pictures on the care of livestock, and scientific education on poultry raising.

j-h-c 11 minutes \$1.25

LIVING EARTH SERIES: THIS VITAL EARTH (EB)

The relation of life to its environment is shown through the balance of plants and animals. Explains that plant and animal inter-relationships are essential to survival.

i-j-h-c-a 10 minutes \$1.25

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LIVING FLOWER (UW)

The living flowers are butterflies. Several of the more common types are pictured through their complete life cycle.

i-j-h 9 minutes \$1.25

LIVING IN A METROPOLIS—METROPOLITAN NEW YORK (UW)

Huge cities, commonly referred to as metropolises, have grown up in the last century as trading, transportation, and manufacturing centers to serve the needs of people in an industrialized, commercial nation. The giant city of New York has been selected as the Subject of this film. The portrayal of the fact that in New York City millions of people of different cultural and racial backgrounds live together in peace, all eventually becoming Americans, makes this an exceptionally engrossing film story.

j-h-c 22 minutes \$2.00

LOBSTERTOWN (FI)

The theme of this film emerges through its documentation of a way of life in a small community based on one staple occupation. It shows how the people of the community help one another in their daily tasks, how they supply an important food to the national market, and how they in turn are provided by the large community with essential goods and services.

j-h 22 minutes \$2.00

LOCUS (KB)

Visualizes and explains the entire concept of locus in geometry.

h-c 11 minutes \$1.25

LONDON (ICS)

A day in London, capital of the far flung British Empire.

j-h-c 11 minutes \$1.25

LONDON, CITY OF TRADITION

(TFC, Restricted to Classroom Use)

A film showing some of the symbols of English tradition with a commentary which gives additional value by presenting historical facts and identifying characters of history with these old landmarks.

j-h-c 10 minutes \$1.25

LONDON NIGHT (ASFL)

A dramatization of the night's work of one of the tea cars donated by American organizations for service to Britain. The film opens with a talk by Wendell Willkie. He says that on his trip to London in the spring of 1940 he was impressed by the fine morale of the English people, which was aided and accented by the tea wagons donated by the Americans. The dramatized part of the film takes the tea car to an anti-aircraft station, to the scene of a fire, and to an air raid shelter entrance.

j-h-c 11 minutes \$1.25

LONG ROAD, THE (EC)

Tells the story of Kettering, Midgley and Boyd and their search for a way to eliminate fuel knock. The first public test of their discovery at the Indianapolis speed classic is shown. There is a nontechnical discussion of how motors have decreased in size while giving more and more horsepower as a result of improvement in the anti-knock quality of gasoline.

h-c 20 minutes Handling charge, \$1.00

LONGFELLOW AND LOWELL (N, Color)

Landmarks in New England reminiscent of these two American authors including: the Portland birthplace and later home of Longfellow, Bowdoin College, Harvard's University Hall, the Craige or Longfellow House in Cambridge (many interior shots), the site of

"The Village Blacksmith," "Wayside Inn," the Old North Church, Lowell's "Elmwood," and the graves of both authors at Mount Auburn.

j-h-c-a 11 minutes \$2.25

LONGHOUSE PEOPLE (EB, Color)

Portrays the everyday life and rituals of a non-Christian Canadian Iroquois community. Dramatically illustrates authentic dances and religious ceremonies still practiced by members of a tribe which once ruled the eastern half of North America. Depicts the Rain Dance, the Corn Dance, the False Face Ritual, and a dance for the condolence of a dead chief and the installation of a new one.

i-j-h 22 minutes \$3.00

LOOK IT UP (C)

A high school boy demonstrates that the dictionary habit can be incorporated into study procedures of reading, writing, and oral report preparation. The film suggests the wealth of materials contained in the dictionary which makes it the "first reference book" as well as the source of information on spelling, pronunciation, and meaning.

j-h 10 minutes \$1.25

LOOKING THROUGH GLASS (BIS)

Manufacture of glass in one of Britain's factories where the craftsman still applies his art alongside modern, mass-production methods. A sequence is devoted to the Department of Glass Technology at Sheffield University.

j-h-c-a 18 minutes \$2.00

LOOM WEAVING (HIFS)

A girl student of the Universal School of Handicrafts threads a small loom and, following a weaving draft, goes through the entire process of weaving a pattern.

j-h-c 11 minutes \$1.25

LOON'S NECKLACE, THE (EB, Color)

Brings to life a charming Indian legend of how the loon, a water bird, received his distinguishing neckband. Authentic ceremonial masks, carved by Indians of Pacific Canada, establish the characters of the story and portray the Indian's sensitivity to the moods of nature.

i-j-h 11 minutes \$2.25

LOOPS (NFBC, Color)

An experimental film by Norman McLaren in which sound and visuals are drawn directly on the film. To strange, fantastic sounds, loops of red and white merge, separate and perform strange convolutions on a blue background.

general 5 minutes \$2.25

LORD'S PRAYER (Castle)

The Lord's Prayer, sung by the U. S. Air Force Sergeants.

j-h-c-a 4 minutes \$1.25

LOST CHICK, THE

(TFC, Color, Restricted to Classroom Use)

The adventures of two squirrels, their brothers and sisters, a mother hen and her chicks, in a story of reciprocal kindness.

p-i 11 minutes \$2.25

LOST SHEEP (RFA)

The parable of Jesus enacted by puppets designed by Mabel Beaton.

p-i-j 14 minutes \$2.00

LOST WORLD, A (EB)

This production was prepared from the motion picture "The Lost World" and is based on a story by A. Conan Doyle. An absorbing exhibition, in motion, of extinct prehistoric animals re-created in full-scale, lifelike models. Battles between the reptiles, a forest fire, and the escape of members of an exploring expedition form a highly interesting and informative picture story.

h-c-a 10 minutes \$1.25

LOUIS PASTEUR — MAN OF SCIENCE (SF)

Louis Pasteur's scientific activities and discoveries from 1856 to 1895 in the fields of chemistry and microbiology relating to pasteurization, silkworm diseases, the use of antiseptics, puerperal fever, streptococcus, staphylococcus, chicken cholera, and rabies.

j-h-c-a 30 minutes \$3.00

LOUISA MAY ALCOTT (EB)

Portrays the life of one of America's great and popular women writers. Reveals her complete devotion to her family in assuming full responsibility for its support. Describes her service as a nurse in the Civil War and mentions her aiding national reform and improvement measures. Emphasizes her success as a writer of human interest stories, with special attention to *Little Women*, *Little Men*, and *Jo's Boys*.

j-h-a 22 minutes \$2.00

LOWER DEPTHS, THE (BRF)

A Russian language film with English titles. Scenes from Maxim Gorki's play featuring V. I. Kachalov as the baron.

h-c-a 20 minutes \$2.00

LOWLANDS OF SCOTLAND (BIS)

This film is concerned with the geography and sociology of the lowlands of Scotland which stretch from Glasgow to Edinburgh. The people and their ways of life — the land and its use and description — are shown.

general 13 minutes \$2.00

LUBRICATING OIL'S AMAZING MOLECULES (STO, Color)

How lubricating oil is made and refined, using the latest types of equipment and processes. The new additives are shown which are being used to extend oil's performance abilities to meet special needs. Also presented are the many control and performance tests which today are so necessary a part of the manufacture of modern, high quality lubricating oils.

general 23 minutes Handling charge, \$1.00

LUBRICATION (USBM)

A theory of friction and practical application of lubricants to the various mechanical elements connected with our everyday life is illustrated. The film discusses when the various types of oil should be used. Lubrication affects our lives in reducing work, wear, and waste, and in conservation of materials.

h-c 30 minutes Handling charge, \$1.00

LUCIA DI LAMMERMOOR (OF)

The tragic story of the love of Edgar and Lucia of the clans Ravenswood and Asleton. The music of Donizetti. Members of the Scala of Milan, Edgar and Lucia, although their families are enemies, fall in love. They are thwarted by the evil Lord Ashton and both ultimately die. Among the highlights of the music presented are "Sextette" and Lucia's "Mad Scene."

h-c-a 25 minutes \$3.00

LUMBER FOR HOUSES (EB, Color)

Traces major steps in the preparation of lumber for houses using the lumbering operations of the Pacific Northwest as the specific example. Illustrates the use of modern power tools in lumbering. Includes sequences on felling trees, sawing boards into lengths, preparing a spar tree, and loading and hauling by truck, train, and water to mill. Trimming, sawing, and stacking operations at the mill conclude the film.

p-i 11 minutes \$2.25

LUMBER STATES — PACIFIC NORTHWEST (UW)

The Pacific Northwest has the finest forests of our country. The tall trees of this area are excellent for lumber, and we learn how the people work in this greatest of our lumbering sections. We see them engaged in safeguarding the forests to prevent this rich lumber supply from becoming exhausted. We learn how young people are taught to prevent forest fires and to keep young trees growing to replace those that are cut down. Washington and Oregon are prosperous because of their rich natural resources of water power, fisheries, farmlands and forests. New industries are moving into the Pacific Northwest because of the abundance of cheap electricity. In this area are the great

salmon fishing grounds. One of our largest wheat growing areas lies east of the coastal mountain ranges. But of all the natural resources of the Northwest, none is more valuable than its timberlands.

i-j-h 22 minutes \$2.00

MACBETH (IFB)

Professionally staged and acted with attention to costume and set detail: Act II, Scene 2, the Murder of King Duncan and Act V, Scene 1, Lady Macbeth's Sleep-Walking.

j-h-c 20 minutes \$2.00

MACHINE MAKER (EB)

This film portrays the role of the machine tool maker in an age of technology. Operation of machines; workers' conversations on technical problems; checking and assembly line operation; and mass production in an automobile factory are among the situations developed.

j-h-c 11 minutes \$1.25

MACHINE TRANSCRIPTION — MACHINE OPERATIONS (UW)

The parts of the dictation and transcribing machines are explained and their proper use is shown, such as volume and tone controls. The resurfacing of wax cylinders on the shaving machine is demonstrated.

h-c 15 minutes \$2.00

MACHINE TRANSCRIPTION — TRANSCRIPTION TECHNIQUE (UW)

How dictation should be phrased by the beginner, by the transcriptionist with some experience, and how the expert would do the job, with particular emphasis on such important points as the modulation and pitch of the dictator's voice and intelligent use of the controls are all demonstrated.

h-c 15 minutes \$2.00

MACHINES DO WORK (YA)

Introduces the concept of simple machines. It discusses the lever, the inclined plane, the pulley, and the wheel and axle. It shows how machines help make our everyday life easier.

i-j 11 minutes \$1.25

MACHINING A TOOL STEEL V BLOCK (USOE)

Shows the machining of a V-block from a solid piece of tool steel which is held in a shaper vice. The piece has been finish machined all over ready for cutting the V's and the clamping slots on the sides. The use of paper shims to assure correct seating on the parallel, setting the ram for length and position of stroke, are shown in detail.

h-c 20 minutes \$1.25

MACHINIST AND TOOLMAKER (VGF)

The machinists and toolmakers, who are always in demand, must be able to use measuring devices and be able to read blueprints. Other factors as to the nature of the knowledge and training needed to hold one of these jobs are told in this film in an easily understood manner. Also explained and demonstrated are the five ways of machining metals.

h-c 11 minutes \$1.25

MADAME CURIE (MGM)

Presents the story of the discovery of radium. Traces the work of the Curies in separating radium from pitchblende and shows the scientific method and processes involved.

j-h-c-a 24 minutes \$2.00

MADERO OF MEXICO

(TFC, Restricted to Classroom Use)

Is the story of the life of Francisco Madero, Mexican revolutionary leader and the President of Mexico following the reign of the Diaz Government.

j-h-c 11 minutes \$1.25

MAGIC ALPHABET

(TFC, Restricted to Classroom Use)

This film deals with the discovery of Vitamin B₁ by Dr. Christian Eijkman, and with the later discovery of other vitamins which play such an important part in the health of our nation. The importance of sufficient vitamin intake necessary to maintain good health is stressed.

j-h-c 10 minutes \$1.25

MAGIC FOREST, THE (SF)

A rooster, a cat, and a goat come to the Magic Forest to seek the treasure they have heard is hidden there. They do not know that this treasure is happiness. Three men also are seeking the treasure. The six treasure seekers frighten each other half out of their wits and leave, needless to say, without the treasure of happiness.

p-i 8 minutes \$1.25

MAGIC IN AGRICULTURE (EC)

The fascinating story of Farm Chemurgy; what it is, what it holds in store.

h-c 30 minutes Handling charge, \$1.00

MAGIC OF IRELAND (TWA)

A general picture of Ireland, giving glimpses of rural and urban life. The film shows historic landmarks of the Emerald Isle, including ruins of great castles and the old Blarney Castle with its famous Blarney Stone. Some of the countryside is shown, illustrating the colorful beauty of the land. The film is narrated by a gentle-

man with a gay Irish brogue, and he tells us, at the conclusion of the film, that we have seen sights "you will always see in the mind's eye when dreamin' of old Ireland."

general 10 minutes Handling charge, \$1.00

MAGNESIUM — METAL FROM THE SEA (USBM)

Research methods and present processes of obtaining magnesium are shown in animation and by natural photography. The structural properties and industrial and domestic uses are illustrated. Film ends with some speculation as to future uses.

j-h-c 23 minutes Handling charge, \$1.00

MAGNETISM (C)

What magnetism is, how it differs from electricity and how it works. The film discusses (1) types of permanent magnets, (2) attraction and repulsion, (3) making magnets, (4) fields of force, (5) electro-magnets and their uses, and (6) everyday uses of magnets.

i-j 11 minutes \$1.25

MAGNETS (YA)

Demonstrated in this film are the properties of temporary and permanent magnets, and the principle of polarity. Film is built around a magic show.

i 13 minutes \$2.00

MAILMAN (EB)

Emphasizes importance of mail in our lives and shows mailman's relation to mail service.

i-j-h 11 minutes \$1.25

MAIN DISH, THE (NFBC)

This picture shows conservation needs and food planning in regard to wisely chosen cuts of meat. Various cooking methods are demonstrated to help housewives plan meals economically. By planning and cooking well, the wartime housewife is earning thanks from the nation as she helps solve the problems of rationing during a national food emergency.

j-h-c 18 minutes \$2.00

MAINE HARBOR TOWN — CAMDEN, MAINE, NORTHEAST, U. S. A. (UW)

In New England, the thin, stony soil makes farming difficult. Fortunately, other resources can be developed to provide a livelihood. In this film we see the Keller family, living near Camden, Maine, illustrate how the ingenuity of a people can supplement the income derived from farming rugged lands in a climate with a short cool growing season. We see them capitalizing on other natural resources. Employment is obtained in

near-by industrial plants. The Kellers provide shelter for tourists who come to enjoy the recreational facilities of New England. Some of their neighbors earn part of their living from the harvest they reap from the sea.

i-j-h 22 minutes \$2.00

MAINTAINING CLASSROOM DISCIPLINE (McGH)

Explains the fundamentals of proper control of class conduct and attitude. Contrasting methods of handling a class are demonstrated. (For other titles in this series see Broader Concept of Method Part I.)

c 14 minutes \$2.00

MAINTAINING GOOD WORKING CONDITIONS (USOE)

Several cases where improvement in working conditions resulted in increased production and better satisfied workers are enacted.

h-c 9 minutes \$1.25

MAINTAINING QUALITY STANDARDS (USOE)

The role of the supervisor in maintaining quality as well as quantity is made clear by incidents involving poor instructions, carelessness, and lack of pride in good workmanship.

h-c 10 minutes \$1.25

MAINTAINING WORKERS' INTEREST (USOE)

Various workers are shown doing poor work because their jobs hold no interest for them. The point is made that the supervisor should be alert to detect and remedy these situations.

h-c 11 minutes \$1.25

MAINTENANCE OF OFFICE MACHINES (UW)

Care and maintenance of typewriters, transcribing machines, dictaphones, adding machines, and calculators.

h-c-a 37 minutes \$4.00

MAJESTIC NORWAY (FON, Color)

The grandeur of Norway and an explanation of how Norwegians have put each of their country's natural resources to practical use.

j-h-a 20 minutes \$3.00

MAJOR RELIGIONS, THE (EB, Color)

An objective survey of the important aspects of the major religions of the world today. Clearly explains their origins, their basic philosophies, and their symbols. Designed to help inspire an appreciation for, and a tolerance of, the principal religious faiths held by most of the world's people.

c-a 22 minutes \$3.00

MAKE A MOBILE (BFS, Color)

Shows what can be done with scrap materials in making an abstract moving design. Uses wire, thread, sheet aluminum, a discarded towel rack, sponge, colored toothpicks, and a ping pong ball.

j-h-c-a 11 minutes \$2.25

MAKE MINE FREEDOM

(TFC, Color, Restricted to Classroom Use)

In humorous but effective fashion, this animated cartoon stresses the necessity to adhere to our Constitutional guarantees. A subversive agent in the guise of a quack medicine man offers "Ism," his miraculous nostrum for all social ills, in exchange for liberty. He paints a rosy picture of life for all who take this medicine, until a thoughtful character challenges his claims and describes the plight of those who gave their freedom in exchange for this poisonous dosage. An industrialist, a farmer, a laborer and a merchant who had been listening to the quack's glib sales talk, then recall their blessings under our Constitution and reject "Ism" in no uncertain terms.

j-h-c-a 10 minutes \$2.25

MAKE-UP FOR BOYS (IFB, Color)

An adaptation by Louise Dale Spoor of Mark Twain's "Tom Sawyer" serves as an illustrative example. Both straight make-up for Tom Sawyer and character make-up for Injun Joe and Muff Potter are demonstrated, including preparation of nose putty and crepe hair.

h-c-a 10 minutes \$2.25

MAKE-UP FOR GIRLS (IFB, Color)

Using characters from Mark Twain's "Tom Sawyer" as illustrative examples, the film shows both straight make-up and character make-up—base color, eye shadow, etc.

h-c-a 10 minutes \$2.25

MAKE WAY FOR YOUTH (YMCA)

A dramatic film narrated by Melvyn Douglas. It tells the exciting story of one community—and it may be yours. Startled into action by tragedy, the folks of this typical American town—young and old—get together on a youth program—and the fences between neighborhoods, races and religions begin to break down.

j-h-c 22 minutes \$2.00

MAKE YOUR OWN DECISIONS (C)

Failure to make decisions often leads to worry and even ill-health, while the ability to decide for yourself is a prerequisite to more mature and successful living. Presents a series of five questions that illustrate the alternatives that exist in every situation and shows how each contributes to making a self-reliant and a psychologically mature individual.

j-h-a 11 minutes \$1.25

MAKING BOOKS (EB)

Tells the story of book manufacturing from author's manuscript to finished product. Typesetting, page-forming, electroplating, printing, binding, and covering—all these processes are depicted comprehensively but simply.

p-i 11 minutes \$1.25

MAKING BRICKS FOR HOUSES (EB)

Calls attention to the important role of bricks in most types of modern construction, and describes how bricks are made. Illustrates the various uses of bricks for building purposes, and then follows their step-by-step manufacture by portraying first how the materials are assembled, pulverized, and mixed; then how the bricks themselves are shaped, cut, dried, baked, and finally graded for color and quality.

p-i 11 minutes \$1.25

MAKING COTTON CLOTHING (EB)

Tells the story of a child's cotton print dress from the designing of the original to the pressing and packing of hundreds of dozens of garments in a modern mass production garment factory.

p-i 11 minutes \$1.25

MAKING ELECTRICITY (EB)

Provides a demonstration of how electricity is made by moving a coil of wire through the field of a magnet. Explains first how a small, hand-powered generator is constructed and how it operates; then illustrates how the same principle applies in generating electricity at a large hydro-electric plant. Reveals finally how electricity is carried over power lines to our homes.

i-j-h 10 minutes \$1.25

MAKING GLASS FOR HOUSES (EB)

Shows how sand, limestone, and soda ash are obtained and converted into glass, both in a laboratory and in a modern industrial plant.

p-i 11 minutes \$1.25

MAKING OF A MURAL (EB, Color)

Produced in color, provides an excellent opportunity for observing and studying the important processes involved in the planning and completion of a typical mural composition. After providing a complete overview of the many steps leading up to the final process, the film depicts the actual painting of the mural itself.

j-h-c 11 minutes \$2.25

MAKING OF PUPPETS, THE (BFS)

To best illustrate the method, the film follows the making of a puppet from beginning to end.

The clarity and simplicity with which this produc-

tion has been made are great assets to the film. Any beginner, regardless of grade level, will be able to follow the simple instructions given in the film.

j-h-c 10 minutes \$1.25

MAKING SENSE WITH SENTENCES (C)

Why should we use complete sentences when we write? Often we do not speak in complete sentences, yet we are understood. What is a complete sentence, anyway? These and other questions about "complete thoughts" and how they are expressed are answered in this unusual film.

i-j-h 11 minutes \$1.25

MAKING SHOES (EB)

Complete step-by-step process of how shoes are made.

p-i 11 minutes \$1.25

MAKING THE MOST OF SCHOOL (C)

Opens students' eyes to the infinite riches which school offers them beyond their day-to-day assignments. Like Carl, other students will learn that merely "getting by" isn't nearly as interesting as participating in class discussions, investigating opportunities for additional learning, taking an active interest in clubs and sports.

i-j 10 minutes \$1.25

MAKING YOURSELF UNDERSTOOD (EB)

Most of our social and work problems stem from the problem of communication between individuals and nations. This film employs a simple case study to analyze basic factors of communication. We find in this analysis that the predispositions of the person communicating and of the audience are vital in effective communication, as are the content and style of the message. The film shows that by carefully analyzing all elements in the communication process we can become better able to evaluate and criticize all forms of communication, better communicators, and better listeners.

h 16 minutes \$2.00

MALAGUENA (OF)

Jacques Thibaud fingers magic from his violin in this interpretation of Albeniz's "Malaguena"—a universal favorite.

j-h-c 5 minutes \$1.25

MALAY PENINSULA (C)

Cities like Singapore are studied in relation to Malaya and the rest of the world. The customs and religion of the people are seen in their sociological context. Malaya is seen not only as a land influenced by western ideas, but as a region which, in turn, is an indispensable part of our international economy and society.

i-j-h-c 11 minutes \$1.25

MAMMALS OF THE COUNTRYSIDE (C)

Treats the common animals of the countryside as friends or enemies of the farmer. The film is a readiness device, and shows the appearance, environment and habits of the skunk, red fox, woodchuck, etc.

i-j 11 minutes \$1.25

MAMMALS OF THE ROCKY MOUNTAINS (C)

Designed to illustrate how seasonal adaptations of mountain animals are correlated with their changing food situation. Beginning near the top of the mountain with the permanent residents — mountain goat and bighorn sheep — the film proceeds downward through the timber, showing mule deer, porcupine, beaver, marmot, and other typical mammals and their varying ways of adapting to seasonal change.

i-j-h 11 minutes \$1.25

MAMMALS OF THE WESTERN PLAINS (C)

Establishes the concept of all class differentiation among mammals through differences in dentition — that dentition depends upon diet. The theme is the conservation of our large game animals — antelope, buffalo, elk, etc.

i-j-h 11 minutes \$1.25

MAN AGAINST MICROBE (MLI)

The film pictures the war which medical science has successfully waged against disease. It opens with a dramatic portrayal of the London Plague in 1665 and later scenes present Leeuwenhock, Pasteur, Lister, and Von Behring. The film features the practical application of scientific discoveries, as in diphtheria immunization, milk pasteurization, the prevention of sepsis, etc.

i-c 11 minutes Handling charge, \$1.00

MAN IN THE BARN, THE

(TFC, Restricted to Classroom Use)

Is the dramatization of a theory that John Wilkes Booth did not die until 1903 when, as David E. George, he committed suicide.

The scene shifts to 1865. Torchlight parades celebrate the end of the Civil War. A man rushes out through the stage door of Ford's Theatre, escapes on horseback. Twelve days later, Booth is trapped in a burning barn. A single shot is heard. Booth's body is removed to a gunboat where a doctor who once operated on Booth's neck claims there is no resemblance to Booth, although the dead man has a scar on his neck. Seven people, however, identify Booth, and his initials are found tattooed on his arm. But rumors persist that this is not Booth. We learn that, strangely enough, the telegraph wires unaccountably went dead on the night of the assassination; that one of the main roads to the South had been neglected by searching troops; that the sentry who let Booth pass

was not questioned. We return to Oklahoma in 1903 where George lies dying. He has the same characteristics as Booth and a damaged hand.

j-h-c 11 minutes \$1.25

MAN IN THE 20TH CENTURY (MOT)

The mid-point of the century is a time to appraise both man's technological advancements and his capacity for destruction. Film points out the chief feature of the half-century — increasing nervous tension, and how it has affected our lives today. Appraises the ideological struggle between Russia and the Western powers.

h-c-a 20 minutes \$2.00

MAN-MADE CANYON (USBM)

Presents the story of the "open pit" nickel mine — the largest of its type and one of the most unique mining operations in the world. You will see the most unusual methods that had to be created to make the world's richest deposit of nickel available for use.

j-h-c 22 minutes Handling charge, \$1.00

MAN ON THE ROCK, THE

(TFC, Restricted to Classroom Use)

The question is "Was it Napoleon or his double who died at St. Helena?" Here we have a dramatization of a theory that it might have been his double.

In St. Helena on May 5, 1821 within the house Napoleon lies dying. The scene turns back to Napoleon as emperor; his strategy of employing a double to officiate for him at many public functions. After Waterloo, he is condemned to St. Helena forever, and his beloved son is held a virtual prisoner in Austria.

Napoleon's double, Rebaux, who had returned to his farm with his sister, disappears.

Shortly thereafter an optical shop is opened by a man who resembles Napoleon. After the news of Napoleon's death, he closes the shop, gives his assistant a letter to deliver to the King of France if he has not returned in three months.

In Vienna a man climbing the wall where Napoleon's son is imprisoned is shot by a sentry. He murmurs in French "Duke of Reichstadt-son." A French official looks at the face, orders the body instantly hidden. In 1853, a jeweler, the former optical assistant, relates that his silence was purchased for 100,000 crowns. The records state that Rebaux died at St. Helena, but the date is crossed out.

j-h-c 11 minutes \$1.25

MAN WHO CHANGED THE WORLD

(TFC, Restricted to Classroom Use)

The story of the achievement of James Hargreaves, the humble English spinner, who invented the spinning jenny in 1767, thus laying the foundation of the ma-

chine age. Commentary describes this development in terms of its relationship between labor and machine labor.

j-h-c 11 minutes \$1.25

MAN WITHOUT A COUNTRY

(TFC, Color, Restricted to Classroom Use)

In 1805, Lieutenant Nolan joins Aaron Burr on the Ohio River to aid Burr found a new empire beyond the Mississippi. He is halted and arrested by the colonel, father of Marion, the girl in the story.

A military court demands to know of Nolan whether he has violated his oath of allegiance. Nolan curses the United States and says he hopes never to see his country again. He is sentenced to spend the rest of his life on a man-of-war where he could never see nor hear of his country again. Years later, Marion visits Nolan on the ship and finds that he is the loneliest man in the world. Lincoln tells her that he is arranging for Nolan's return to America, and she dies in Lincoln's presence. The picture closes with a phantasy in which Nolan's spirit joins hers, both of them young again. In technicolor.

j-h-c 20 minutes \$3.00

MAN'S GREATEST FRIEND

(TFC, Restricted to Classroom Use)

"Man's Greatest Friend" pictures the dog in its service to mankind. The wolf dog, in the dawn of history, followed its master. Today, police dogs guard children, while during the War, dogs aided in the search for wounded men, leading the rescue party and sometimes losing their own lives through their devotion.

The scene shifts to a town in eastern France, in the year of 1831. The cry of mad dog drives the people into their homes, and from the safety of a window a young boy sees the dog attack a child. We see him next as a man — Louis Pasteur. He prepares a vaccine and gives daily treatments to four dogs which had been given hydrophobia. They are immune to the disease.

Requests for his vaccine come from all over the world, but he hesitates. No attempt has been made to determine its effects on human beings. He plans a self-experiment. A mother brings her boy who had been bitten by a suspected mad dog. He still holds back, but keeps the boy in his home for observations. When the symptoms develop, he injects the vaccine and two weeks later the boy is cured.

j-h-c 11 minutes \$1.25

MANUFACTURED ABRASIVES (USBM)

The opening scenes re-enact the experiment that led to the discovery of carborundum and shows use of power generated from Niagara Falls in manufacture of abrasive products. The making of aloxite, another type of abrasive, is shown. The removal of hardened

grinding wheels from kiln after two weeks of continuous firing, truing side, metalbushing arbor holes, dressing peripheries, and placing wheels in stock rooms, ready for shipment, are pictured. The film closes with scenes showing making of abrasive paper and cloth used in woodworking and metalworking industries and in finishing automobile bodies.

j-h-c 22 minutes Handling charge, \$1.00

MAPS AND THEIR MEANING (A, Color)

Shows the meaning of the various color zones on physical maps and illustrates the type of land found in each of these zones. Animated maps, diagrams, and color photography shows the effects of altitude, latitude, and rainfall on the way that man uses the land.

i-j-h-c-a 15 minutes \$3.00

MAPS AND THEIR USES (C)

Provides an introduction to the study of the special symbols in maps, presents a variety of special purpose maps and demonstrates the different uses to which these maps and their symbols may be put. How to read a map is shown by describing a scale of distances, a grid and legend. Then uses of contour maps for understanding the various topographical formations follow to point out the importance of maps in everyday living.

j-h 11 minutes \$1.25

MAPS ARE FUN (C, Color)

Introduces the fundamental concepts of map reading through the story of Ronnie, who is trying to draw a map of his paper route for his friend Dick. His map isn't satisfactory, so they call on Mr. Donaldson, a kindly old cartographer. At Mr. Donaldson's suggestion, the two boys build a scale model of Ronnie's neighborhood at a sand table.

By creating their own map and examining other maps in Mr. Donaldson's workroom, the boys learn the principles of scale, symbols, physical and political maps, various uses of color, and how to use a map index.

i-j 10 minutes \$2.25

MAPS WE LIVE BY (ASF)

Depicts the role maps have played and are playing in the development of the world and the advancement of its people.

i-j-h 17 minutes \$2.00

MARC ANTONY OF ROME

(TFC, Restricted to Classroom Use)

Adapted from the photoplay, "Cleopatra," the film traces the part played by Caesar's impetuous general in the crucial period which preceded Octavianus' rise to power.

j-l-h-c 23 minutes \$2.00



GRANDMA MOSES

Fine color photography enriches this picture story of one of America's most famous primitive painters.

20 MINUTES RUNNING TIME

\$3.00 PER WEEK

MARCH OF THE MOVIES (MOT)

This film traces the development of our newest art form during its brief span. Work of compiling information and preserving films is shown as well as scenes from many of the greatest pictures, including D. W. Griffith's *Birth of a Nation*, the first American feature; Al Jolson's "Mammy" from *The Jazz Singer*, the first successful sound film; Lewis Milestone's *All Quiet on the Western Front*; modern foreign films (*Henry V*, *Volpone*, *Shoe Shine*) and many other cinema classics.

general 22 minutes \$2.00

MARINE ANIMALS AND THEIR FOODS (C)

This film effectively demonstrates the interrelation of marine animals and their surroundings by showing various sea animals and the five general types of food on which they depend. Such common marine animals as the sea anemone, sea urchin, barnacle and octopus are included. Special attention is devoted to specific adaptations of these animals for obtaining one or more of the main type of food.

j-h 11 minutes \$1.25

MARINE LIFE (EB, Color)

A vivid portrayal of some of the colorful forms of animal life found under the sea. Shows typical activities of octopuses, sea urchins, hermit crabs, reef fish, sea robins, moon fish, sergeant majors, and killers of the sea. Tiger sharks, barracuda, porpoises, sea fans, and sea anemones, all are seen in their natural surroundings and in their relationships to each other.

i-j 11 minutes \$2.25

MARINES HAVE LANDED (IH)

An excellent film of the U. S. Marines, their life and activities. Included are many scenes of Marines in action, landing parties, etc. Mobile operations are also shown.

h-c 11 minutes Handling charge, \$1.00

MARINES' HYMN, THE (OWI)

This stirring song of the United States Marines is sung against a magnificent background of action scenes.

general 4 minutes Handling charge, 50 cents

MARIONETTES (GAF)

Produced at the Universal School of Handicrafts, Rockefeller Center, New York. The film shows and demonstrates the steps in constructing a clown marionette and the tools which are necessary to achieve that end. The body is made of a block of sugar pine. Indicated portions are cut away. The shoulders and body are rounded with a coarse file. The legs and arms are cut from $\frac{3}{4}$ " dowel. Cotter pins are used as joints. The foot is shaped and weighted with lead. A stuffed chamois glove is nailed to the arms. Legs and arms are attached to the body. The head is modeled in clay, greased and a plaster mold is made. A thin rubber hollow composition cast is made and painted with poster color. The head is attached to the body. The finished marionette is shown. Small screw eyes are placed in indicated positions and fishline strings attached. The control is made from lattice strips and strings attached.

j-h-c 11 minutes \$1.25

MARITIME PROVINCES OF CANADA (EB)

The film orients the maritime provinces in relation to the remainder of Canada and the United States. It interestingly portrays the settlement of the region including migrations to and from the United States. Sequences include fishing, fur farming, lumbering, farming, mining, and smelting.

i-j-h 11 minutes \$1.25

MARK TWAIN AND TOM SAWYER (IFB)

The locale of Samuel Clemens' life: his birthplace at Florida, Missouri; his later home at Hannibal, and

many other landmarks. Pictures the relics in the Mark Twain museum and views of the famous cave. Describes the influence of the Mississippi River on Clemens.

j-h-c 10 minutes \$1.25

MARKS OF MERIT (BNI)

An account of the historical origins and present-day importance of brand names and trademarks. The theme is carried by a family at home. A teen-age boy is interested in the exploits of knights and wishes he had lived in their day. An analogy is drawn between the heraldic symbols of the "Knights of Old" and today's symbols of pride and responsibility—the manufacturer's brand names.

i-j-h-a 18 minutes \$2.00

MARRIAGE AND DIVORCE (MOT)

Surveys the problems of broken homes and the increasing divorce rate by examining the effects of mechanization on present day family relations. The opinions of several experts as to what should be done are included.

c-a 15 minutes \$2.00

MARRIAGE FOR MODERNS: CHOOSING FOR HAPPINESS (McGH)

This motion picture is a dramatization of the problems in selecting a mate. The message is another in the series of basic problems of courtship and marriage, discussing frankly through youthful characters the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with these problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes \$2.00

MARRIAGE FOR MODERNS: IT TAKES ALL KINDS (McGH)

This is a discussion of specific personality patterns—importance of knowledge of them in evaluating the behavior of a prospective marriage partner. The fundamental idea, implicit in all films in this series on the basic problems of courtship and marriage, is that in many instances timely analysis and intelligent adjustment can spell the difference between success and failure in personal relationships.

c-a 22 minutes \$2.00

MARRIAGE FOR MODERNS: MARRIAGE TODAY (McGH)

A realistic visual treatment of the ideals and goals of adult love—marriage and children and a satisfactory and happy marital relationship. It is another in the film series on basic problems of courtship and marriage, discussing frankly the various conditions

which affect marital relationships. The films have a strong emotional appeal showing typical young people faced with these problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes \$2.00

MARRIAGE FOR MODERNS: THIS CHARMING COUPLE (McGH)

A dramatic narrative study of "romantic" love—the falsity of the ideas it engenders and goals it sets up. It is another in the film series on basic problems of courtship and marriage, discussing frankly the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with these problems, working out successful behavior patterns and making adjustments.

c-a 22 minutes \$2.00

MARRIAGE FOR MODERNS: WHO'S BOSS (McGH)

Presents the problems of married partners' adjustment to each other and to married life. It is another in the film series on basic problems of courtship and marriage, discussing realistically the various conditions which affect marital relationships. The films employ dramatic episodes to show typical young people faced with the problems, working out successful behavior patterns, and making adjustments.

c-a 22 minutes \$2.00

MARRIAGE IS A PARTNERSHIP (C)

Answers the need of young people who, under the influence of romantic fiction, think of marriage as a shining goal in itself. Breaking away from the popular slightly idealized trend towards thinking that all it takes to "live happily ever after" is love, the film sets out to establish a positive approach towards marriage—to answer some of the major problems that arise during the first married years. Arguments, responsibilities, decisions, loyalties and other marital questions are raised and discussed in this film story.

h-c-a 17 minutes \$2.00

MARRIAGE TODAY

See

MARRIAGE FOR MODERNS: MARRIAGE TODAY

MARSHALL PLAN AT WORK IN GREECE (ECA)

Before World War II, Greece was one of the substandard nations of Europe. Her people had a low standard of living, her livestock strains were poor, her soil all but exhausted. The Marshall Plan had to do more than simply restore Greece; it had to make Greece a better, more prosperous country. Thus this film is more than an account of reconstruction, of

schools restored and transportation facilities made to operate once more. It is also a document of a changing Greece, a country whose people are for the first time being introduced to modern methods of agriculture.

j-h-c-a 13 minutes Handling charge, \$1.00

MASTER WILL SHAKESPEARE

(TFC, Restricted to Classroom Use)

A brief and somewhat fictionized story of the life of Shakespeare. The picture opens with scenes along the Avon and in the village of Stratford. We see the house where he was born, the school he attended, and the cottage of Ann Hathaway where he wooed his bride. Shakespeare is shown walking along the road with a box of clothes and a play sticking out from the side. He arrives at the Blackfriars Theater in London where he gets a job as keeper of the horses. Winning the attention of the proprietor Burbage, he gets promoted to prompter in the theater. He wins applause of the audience by his impromptu substitutes for lines for an actor who forgot. This he repeats and finally he is writing whole scenes and later whole plays. He is seen signing his name to his first great historical drama, "Henry VI." Next we see him in a tavern with Thomas Dekker and Ben Jonson demonstrating how a sword should be used in an act. Now he appears before Queen Elizabeth and pleases her with his acting. She commands that a play be written depicting a love affair for the buffoon Falstaff. The "Merry Wives of Windsor" was produced in fourteen days. Then came "Twelfth Night" and "Much Ado About Nothing." But that his own favorite was "Romeo and Juliet" is shown and a brief history of this play given.

j-h-c 11 minutes \$1.25

MASTERS OF SACRED MUSIC (UW)

Presented in this film are some of the major contributions made to sacred music by Beethoven and Bruckner, and scenes enriched by their lives. Selections include Beethoven's Fifth Symphony, Symphony Pastorale, Missa Solemnis, Symphony Eroica and Bruckner's Fourth Symphony.

i-j-h-c 8 minutes \$1.25

MASTERS OF THE SOIL (EC)

Shows how soil is tested, how fertility can be maintained by selection and rotation of crops, how soil can be preserved and rain run-off prevented by planting of cover crops and contour farming.

h-c 23 minutes Handling charge, \$1.00

MATT MANN'S SWIMMING TECHNIQUES FOR BOYS (C)

Mann's teaching techniques for the crawl, backstroke, breast and butterfly strokes are illustrated from land drills to slow motion analyses in water.

j-h-c 20 minutes \$2.00

MATT MANN'S SWIMMING TECHNIQUES FOR GIRLS (C)

Application of Mann's technique in teaching girls the crawl, breast stroke, backstroke and butterfly stroke.

j-h-c 10 minutes \$1.25

MATTER AND ENERGY (C, Color)

Presents the basic concept that everything in the universe is composed of matter and is affected by energy. Matter in its different forms is presented, and elements, compounds, and mixtures are defined. Physical and chemical changes of matter are explained with familiar examples, and the law of the conservation of matter is demonstrated. Although no attempt is made to explain the molecular or atomic properties of matter and energy in this elementary film, it ends with a brief exposition of atomic energy to serve as a challenge to the student and a basis for more advanced study.

j-h-c 10 minutes \$2.25

MEANING OF ENGAGEMENT (C)

The engagement period should be an important step in preparing for a successful marriage. The function of the engagement period is to develop psychological unity, to learn to know each other, and to plan for the future. The film also discusses the delicate problem of "breaking an engagement" and when it is the wisest choice.

h-c-a 13 minutes \$2.00

MEANING OF FEUDALISM (C)

Students are sure to get a new history experience when they see and study a feudal castle with Jacques, a French boy who lives in an ancient town below the castle. This film presents the physical elements and more, it recreates the flavor and spirit of feudal times.

i-j-h-c 11 minutes \$1.25

MEANING OF LONG DIVISION (EB)

Animated drawings picture divisor and dividend by scales. Subtraction is accomplished as the divisor scale pushes portions equal to itself in length away from dividend scale. Gives a true quantitative picture of these repeated subtractions.

i 11 minutes \$1.25

MEANING OF PERCENTAGE (YA)

Relates the meaning of percentage to hundredths both as fractions and as decimals. The meaning of common percentages is developed and related to social situations.

i 11 minutes \$1.25

MEANING OF PI (C)

This film develops an understanding of this important mathematical ratio and outlines a study procedure by which the numerical value of pi can be

checked and reviewed. In careful step-by-step procedure, the numerical value of π is arrived at and sequences showing the use of circles in art, industry, and commerce help to fix the value firmly in the student's mind. In a closing sequence, the discovery of π is described as one of the great advances in history.

i-j-h 11 minutes \$1.25

MEANING OF PLUS AND MINUS, THE (EB, Color)

A delightful combination of photography, music, and words gives meaning to the process of adding and the process of taking away. Colorful phrases such as "chase away," "join," and "give away" are used in explaining the concepts of combining and separating familiar objects. Number symbols are skillfully introduced.

p 11 minutes \$2.25

MEANING OF THE INDUSTRIAL REVOLUTION (C)

For us today, living in an age of machines, the question of "How did this begin?" is necessary to an understanding of our times. With this film your students will discover answers to our own age as they relive in England the 18th century revolution that was the change-over from hand tools, from water power to steam power. From the quiet rhythm of the spinning wheel to the multiple whirring of Hargreaves' spinning jenny to the steady pulse of a Watt flywheel, your audience will see and feel the exciting drama of industrial achievements that revolutionized Western civilization.

j-h-c-a 11 minutes \$1.25

MEASUREMENT (C)

Don, a boy of twelve, encounters everyday situations involving measurement of the seven kinds treated in the film: linear, square, cubic, weight, liquid, temperature, time. The illustrations are simple ones, but they highlight the importance of measurement to modern living and motivate the study of means and tools of measuring.

i-j-h 11 minutes \$1.25

MEASUREMENT OF ELECTRICITY (C)

David, concerned about overloading a household circuit, falls asleep while studying a book on electricity. In his dream, which follows, the four scientists whose names have been adopted as the four basic units of electrical measure speak to him from the book. The film teaches the fundamental definitions and the physical concepts involved in the volt, ampere, ohm, and watt.

j 10 minutes \$1.25

MEASUREMENT OF THE SPEED OF LIGHT (McGH)

Describes the four formulas in which knowledge of the speed of light is used, and shows by animation

the methods of Figeau, Foucault, and Michelson for determining that speed.

h-c 7 minutes \$1.25

MEASURING TEMPERATURE (YA)

Steve comes home one evening and his attention is called to several thermometers; one on the outside of the house, one in the oven of the stove, and one on the thermostat in the house. Wondering how a thermometer works, he looks it up in the encyclopaedia, and the film leads through the encyclopaedia pages into a discussion of the way thermometers work, and the many uses of thermometers.

i-j-h 10 minutes \$1.25

MEAT AND ROMANCE (Castle)

Gives authentic and practical information to consumers on buying, cooking, carving and serving meat, in addition to the nutritional value of this important food.

j-h-c-a 40 minutes Handling charge, \$1.00

MEAT FOR AMERICA (ARCO)

This film, sponsored by Armour and Company, gives the complete story of origin and processing livestock to meat products.

i-j-h-c 20 minutes Handling charge, \$1.00

MEATS WITH APPROVAL (USDA)

How federal meat inspection came into being and how it is administered. Illustrates inspection procedures from slaughter pens to cannery.

j-h-c 20 minutes \$2.00

MECHANICAL APTITUDES (C)

What would you do if your car wouldn't start? Could you fix it, or would you have to depend on someone with a little more mechanical ability? And how do you find out whether you have mechanical ability, and improve what ability you have? These are some of the questions asked at the beginning of the film. Then, through the medium of a boy who wants to know whether he is fitted for taking up the study of engineering in college, we find out about some of the tests we can take to discover our mechanical abilities.

j-h 10 minutes \$1.25

MECHANICS OF LIQUIDS (C)

The dynamics of hydraulics are excellently introduced in this physical science subject. Ideas are presented in semi-story form, thus helping to relate the subject to the world about us.

j-h 11 minutes \$1.25

MECHANISMS OF BREATHING (EB)

In this picture the breathing mechanism in operation is revealed. Technical animation portrays gaseous exchange in the lungs and body tissue cells, including pathological conditions. A demonstration of artificial respiration is provided. By means of animation and photography the nervous control of breathing and factors affecting rate and depth of breathing are shown.

j-h-c 11 minutes \$1.25

MEDIEVAL ARCHITECTURE (UW)

The development of architectural form and line, as illustrated in the notable feudal castle of the Loire Valley in France.

h-c-a 20 minutes \$2.00

MEDIEVAL WORLD (C)

From the English walled city of York, from the Flemish guildhalls of Ghent, from the French cathedral of Chartres comes the film framework of the Medieval World. Knights and feudalism, Chaucer's Pilgrims, castles and crusades, these words and ideas take on meaning and relationships in this exciting visualization of medieval times.

i-j-h-a 11 minutes \$1.25

MEDITERRANEAN AFRICA (EB, Color)

A geographical and historical survey of the narrow and limited fertile area of Africa along the Mediterranean coast.

i-j-h 12 minutes \$2.25

MEETING THE CHALLENGE (BO)

A comprehensive survey of the operations on the 6000-mile Baltimore & Ohio railroad. Included with scenes of present activity are scenes of early development of the railroad, with shots of early structures and engines. The operation of the Curtis Bay coal pier and coal and ore docks at Lorain, Ohio, on Lake Erie is also shown. These facilities were put into use in 1948.

general 30 minutes Handling charge, \$1.00

MELODY IN MUSIC (C)

A violin, tuba, flute, chimes, piano, marinba, cornet, and French horn are played in an elementary music class, as the youngsters demonstrate different kinds of melodies, their many variations and lengths, the effect of rhythm on melody, and how melodies can be created.

i 13 minutes \$2.00

MELODY PARADE (UW)

Charley Barnet and his orchestra with Kay Starr, Dorothy Allen, June Hutton, and Gray & Diane.

general 20 minutes \$2.00

MELTING AND REFINING STAINLESS STEEL (USBM, Color)

Shows operation of a 50 ton electric furnace; charging furnace, lowering electrodes, striking electric arc, controlling current, adding oxygen to burn out impurities, slagging to protect steel, taking a sample, skimming slag, adding burned lime and fluorspar, adding chromium and nickel, laboratory tests, physical testing, pouring melt into ingots. Closes with list of articles made of stainless steel.

h-c-a 23 minutes Handling charge, \$1.00

MEMORIES OF SPAIN

(TFC, Restricted to Classroom Use)

Narrated by Lowell Thomas, the film was taken before the Spanish Civil War and shows a beautiful and peaceful countryside. Castles, shepherds and sheep in the mountains, women winding yarn and knitting, and men and women harvesting oranges are shown.

i-j 10 minutes \$1.25

MEN AND THE SEA (OWI)

This picture deals with the training in detail of men of the United States Navy. It shows their training in the classroom and aboard ship. The necessity of well-trained sailors is stressed.

general 11 minutes \$1.25

MEN OF FIRE (BFS)

The evaluation of fire fighting methods, equipment and training past and present is reported realistically with occasional touches of humor.

general 10 minutes \$1.25

MEN OF MEDICINE (FF)

Some of the problems facing young and practicing doctors are presented. Among these problems are giving adequate medical care for people of low and middle incomes and some of the proposals for distributing these benefits. The film is exceptional both as a social documentary and for vocational use.

j-h-c 15 minutes \$2.00

MEN OF OUR AGE (OF)

A critical and analytical study of both the works of Jo Davidson, and of the people who have been his subjects. It was photographed at the National Institute of Arts and Letters, and at the American Academy of Arts and Letters. It is quite remarkable for its mobile treatment of inanimate subjects.

h-c-a 11 minutes \$1.25

MEN OF WEST POINT

(TFC, Restricted to Classroom Use)

Relates the story of West Point men, showing phases of their training and their graduation exercises.

i-j-h 11 minutes \$1.25

MENTAL HEALTH (EB, Color)

Defines good mental health, describes its attributes, and discusses its importance to the individual and to society. Illustrates symptoms of mental ill-health, defining such terms as neurosis and psychosis. Explains the basic structure of the personality, and suggests various ways in which mental health can be maintained and improved.

h-c-a 11 minutes \$2.25

MENU PLANNING (C)

Discusses four things to keep in mind when planning menus: the cost of the food, whether the family likes it, the amount of work involved in preparing the meal, and the nutritive value of it. Shows how planning menus in advance can save time and money, and make the meals more attractive.

j-h-c 11 minutes \$1.25

MERCHANDISING FRESH FRUITS AND VEGETABLES (USDA, Color)

Ways in which grocers and proprietors of food markets may make their displays more attractive and

facilitate sales. Shows how to make displays so that customers picking out fruits and vegetables will not disarrange the display, how to use the natural colors of the products in making attractive looking displays, how to make it easy for customers to pick what they want and buy it. Also suggests ways in which fruit may be kept fresh and attractive overnight, salable the next day.

c-a 20 minutes \$3.00

MERRY CHRISTMAS (SF)

The world famous Vienna Boys' Choir sings many of the world's most beloved Christmas Carols. Story of film shows boys preparing for a festive Christmas party.

i-j-h 17 minutes \$2.00

(one day only)

MERRY CHRISTMAS (UW)

Catches all of the life, suspense, expectancy and excitement that mounts for more than months to the glorious day of December 25th. Woodsmen in the forests are hunting for your snow-tufted trees; farmers are fattening the holiday turkeys; craftsmen are perfecting new presents for Junior and Sister. With quickening pace, store windows blossom with moving displays of marvelous appeal; streets hum with shoppers. Finally the Eve of the great day arrives — and with it is Santa Claus himself.

p 11 minutes \$2.00

(one day only)

DRIVER EDUCATION

**DRIVER TRAINING: ADVANCED TURNING
MOVEMENTS**

DRIVER AT NIGHT

DRIVING ECONOMICALLY

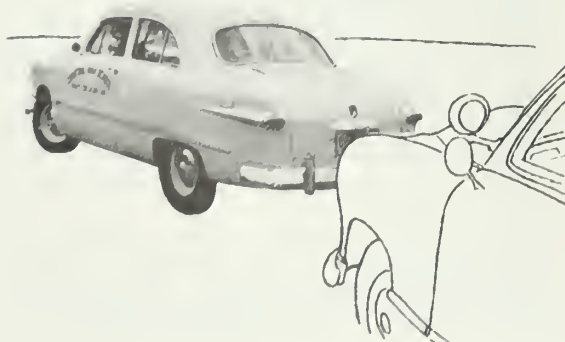
DRIVING IN THE CITY

DRIVING ON THE HIGHWAY

DRIVING UNDER ADVERSE CONDITIONS

PARKING THE CAR

PRACTICE MAKES PERFECT DRIVERS

**METAL CRAFT (EB)**

Presents and explains the steps taken by a master craftsman in making a pewter bowl by spinning and shaping a blank for later soldering to a cast base. The craftsman then creates a bronze bowl by raising, smoothing, annealing, planishing and burnishing a blank disc. Methods of constructing a candlestick mold, inserting the core, pouring, removing, and finishing the pewter cast are demonstrated. The designing, chasing, shaping, and soldering the sides and top of a jewel box also are shown.

j-h-c 11 minutes \$1.25

METAL CUTTING TOOLS (FP)

This film starts with the structure of metal, and an explanation of its properties. It shows in detail how a chip is produced. This naturally develops the reasons for the various angles that are incorporated in practical tools, such as: clearance, back and rake angles, etc. The reasons why certain ways of setting up are correct, while others are wrong. Causes and cure of chatter. Both single and multi-edge tools are explained. These are but a few of the many subjects explained. This film lays the foundation for the student that will enable him to understand how to get the most efficient production from any machine tools.

h-c 20 minutes \$2.00

METALS AND NON-METALS (C)

Here is another film that accomplishes a specific instructional task for a specific science unit. It shows clearly the relationship of laboratory work to a general understanding of metals and non-metals and helps eliminate the need for many demonstrations by the instructor or assistant. While basically intended to be shown as part of the unit study, Metals and Non-Metals can also be shown with value as an introductory experience or after completion of the unit as a "spot" review.

i-j-h 11 minutes \$1.25

MEXICAN CHILDREN (EB)

By means of authentic photography, the home life of the Mexican child is brought to the screen to provide American and other children of primary grade age with an idea of the cultural patterns of modern Mexico. Consideration also is given to the Mexican child's preparation for citizenship, his kinds of recreation, the types of toys he plays with, his style of clothes, and his local travels and explorations. In all, the film develops a better understanding and appreciation of our neighbors in Mexico than most children ever acquire. As with other primary grade pictures, it can be used for motivating a number of classroom projects.

p-i-j 11 minutes \$1.25

MICKEY AND SIMON LEGREE (BRF)

Havoc breaks loose as Mickey Mouse and his friends interpret Uncle Tom's Cabin.

general 5 minutes \$1.25

MICKEY AND THE GIANT (BRF)

Mickey climbs beanstalk; struggle with giant in castle; almost swallowed in sandwich. Gag with pepper in giant's face. Escapes after setting fire to beanstalk, causing giant to fall through earth to China. Based on "Jack and the Beanstalk."

general 5 minutes \$1.25

MICKEY AND THE LILLIPUTIANS (BRF)

Mickey, as Gulliver, is found on the shore by the tiny people. He battles the little men, then fights with a great spider to win their friendship. (Based on "Gulliver's Travels".)

general 5 minutes \$1.25

MICKEY GIVES A PARTY (BRF)

The gang has a buffet supper at Mickey Mouse's house. There is some fast dancing that sets the furniture into action, and it takes up the rhythm and joins in the fun. As the noise and activity increase, the police enter to quiet things, but find the dance too inviting and soon join the party.

general 5 minutes \$1.25

MICKEY PLAYS SANTA CLAUS (BRF)

Christmas at Minnie's; tree trimming. Find basket of kittens at doorstep. They wreck house; strip tree; take gifts and candy.

general 5 minutes \$1.25

MICKEY SAVES THE AIR MAIL (BRF)

Mickey, pilot, eludes Pete, mail bandit. Chase and battle in planes. Mickey captures Pete, saves the mail and is hero of the day.

general 5 minutes \$1.25

MICKEY'S EXCITING PICNIC (BRF)

Mickey, Minnie, Horace, and Clarabelle go camping. Horace swats a mosquito who becomes angered. Soon, the mosquito's friends attack the picnickers in an army "V" formation, but Mickey routs them with a clever device.

general 5 minutes \$1.25

MICKEY'S TRICK HORSE (BRF)

Mickey is a jockey in a big race. Horse gets sick — so Mickey puts two colored stable boys in horse costume. Gag with hornets causes Mickey's horse to win.

general 5 minutes \$1.25

MICROBES (AL)

The microscopic "world" of microbes. Their shapes and sizes are so varied that they present a bewildering array of living creatures. Thanks to microphotography we can examine some of these beings which are the tiniest of living organisms — the polyps, amoeba, paramecium and hard shelled animalcules.

j-h-c-a 10 minutes \$1.25

MICROMETER, THE (USOE)

Depicts the various types of micrometers that are in common use in industry, and explains how micrometers are read and emphasizes their correct use and care. Animated diagrams are used to explain the nomenclature of the micrometer. Variations of the micrometer in the form of outside, inside, and depth micrometers are demonstrated and the correct reading of the barrel and thimble scales are shown. The film closes with a review of the main points to be observed in using these precision measuring tools.

h-c 22 minutes \$2.00

MICROSCOPE AND ITS USE, THE (YA)

A demonstration film explaining the basic parts of the microscope, its function, and its use. It explains thoroughly, step-by-step, the method of learning to operate and use the microscope properly. Attention is given throughout the film to proper care of the instrument.

j-h-c-a 10 minutes \$1.25

MIDDLE EAST — ISRAEL (UW)

This film vividly contrasts the subsistence farming with antiquated tools which continues in some semi-arid regions with the new settlements where irrigation and mechanized farming are producing excellent crops. Old cities with rich religious monuments are contrasted with the new cities and busy ports where industries are developing, oil is arriving by long pipe lines and is being refined. We see immigrants arriving and going to cooperative settlements where they work on farmlands which have been recently wrested from the desert.

j-h-c 22 minutes \$2.00

MIDDLE STATES, THE (EB)

Presents in sequential form an overview of man's use of resources in the states of Minnesota, Iowa, Missouri, Illinois, Wisconsin, Michigan, Indiana and Ohio. Domestic and European migration and population trends are indicated by animated drawings. Agricultural and industrial projects in each section are portrayed and relationships are noted with particular reference to other regions of America.

j-h-c 11 minutes \$1.25

MIDGET CAR MANIACS (Castle)

Abbott and Costello run wild on a midget race track.

general 10 minutes \$1.25

MIGHTY COLUMBIA RIVER, THE (C, Color)

In shooting scenes of the work of the Bonneville and Grand Coulee dams, the camera captures the tremendous force and vitality that make the Columbia not only the largest river flowing into the Pacific from the west coast of our continent, but also one of the world's greatest sources of hydroelectric power. It is also one of the world's important sources of fish.

i-j-h-c 11 minutes \$1.25

MILDRED DILLING, HARPISST (FCI)

The technical proficiency of this leading woman harpist is matched by a stage presence "subtly and charmingly in accord with the shining blond instrument at which she sits." In the past five seasons she has appeared before 355 select audiences in America and Europe. She plays: "The Fountain" by Zabel; "March of the Men of Harlech" — Welsh Air arranged by John Thomas; "Fireflies" by Hasselmanns.

i-j-h-c 10 minutes \$1.25

MILK (EB)

The dramatic story of milk from the dairy farm to the table is presented. The use of machines is emphasized without stressing technical details.

p-i 11 minutes \$1.25

MILLING MACHINE, THE (USOE)

This subject demonstrates a standard plain milling machine. The pictures and commentary indicate the basic principle of the milling machine, a revolving cutter and a movable table that holds the work. The necessity for a rigid cutter set-up is shown and explained. The movements of the table are demonstrated. Use of index dials on the hand-wheels in controlling the movement of the table to within a thousandth of an inch is emphasized. The speed and feed selectors are located and their function demonstrated. The nomenclature of the machine is explained.

h-c 22 minutes \$2.00

MILLING MACHINE OPERATIONS (USOE)

Presents the operation of a milling machine so that it can be easily understood by the beginner. The various types of cutters, and the work that can be done on this machine are shown. Conventional and climb milling are explained and the reasons for each are given. Also shown are the various methods of holding work and precautions to be taken.

h-c 22 minutes \$2.00

MILWAUKEE WAY, THE (UW, Color)

Depicts a city's entire governmental structure, its economic basis, and its developmental problems. Shows the city of Milwaukee in its role of a great center of production and industry and a place of fruitful and pleasant living. How Milwaukee has won numerous national health and safety awards is shown as well as its splendid recreational facilities for living the "good life."

h-c-a 40 minutes \$5.00

MINT, THE (TFC, Restricted to Classroom Use)

Here is the inside story of Uncle Sam's newest coinage plant at San Francisco. It shows coinage from the initial artist's design through lettering on the original clay model; making the plaster model by hand; reproduction of the finished bronze replica; and transferring it to the small die which strikes off coins. The whole mechanical process of mixing metals, stamping and annealing coins, polishing, checking for defects, and counting is given.

i-j-h 11 minutes \$1.25

MINUTES ARE PENNIES (FF)

Is a story that deals with basic methods of work. By tracing an order through the hands of the filing clerk, the stenographer, the telephone operator, the salesman and the office boy we see the inefficient methods they use in their work. The order is cancelled because it is late in arriving at the delivery entrance. The manager realizes that certain persons have been

responsible for this cancellation and he explains to them the proper working methods in an organization.

h-c 22 minutes \$2.00

MIRACLE IN PARADISE VALLEY (S)

Shows many avoidable farm accidents and how they can be prevented.

j-h-a 35 minutes \$4.00

MIRACLE MAKERS

(TFC, Restricted to Classroom Use)

After tracing the development of water, steam and electric power, this film, through shots of the cyclotron at the University of California, stresses the potential importance of the atom as a source of future power.

h-c 11 minutes \$1.25

MIRACLE OF CASSINO (AFF)

Shows the reconstruction of Cassino and the busy activities of the Italian people in this town which was virtually destroyed in World War II.

h-c-a 12 minutes \$2.00

MIRACLE OF LIFE (NA)

By means of microscopic photography, the everlasting mystery of cell development, cell division, egg growth, insemination and life forms, are vividly portrayed.

j-h-c-a 11 minutes \$1.25

MIRACLE ON THE MESA (AS, Color)

Scenes from the life of the Hopi tribe on the mesas of Arizona. Here in this dry climate, farmers raise their corn and tend their sheep while the women make pottery and do the household chores. The eagle dance is performed each year, intoning their gods to send the needed rain. Other films in this series are: Pueblo Heritage and Seminoles of the Everglades.

general 20 minutes Handling charge, \$1.00

MISSION ACCOMPLISHED (OWI)

This is the story of the first all-American raid over occupied Europe. American crews, piloting their Flying Fortresses, attack the railroad yards at Rouen and return safely to their base in England.

h-c 10 minutes \$1.25

MISSISSIPPI RIVER: LOWER RIVER (A)

Important features of the river from the junction with the Ohio River to its mouth at New Orleans. Its importance as a means of transportation, the danger of floods, and the river's importance to the agriculture of the central south region is shown. The river ports of Memphis and New Orleans are seen.

i-j-h-c-a 14 minutes \$2.00

MISSISSIPPI RIVER: UPPER RIVER (A)

A study of the river from its source to its central section near St. Louis, Missouri. Traces its course and its use by man, the operation of the dams and the locks built to improve navigation, and its importance to the cities of St. Louis and Minneapolis.

i-j-h-c-a 14 minutes \$2.00

MISSOURI AND ITS NATURAL RESOURCES (USBM, Color)

The diversity of a State whose mineral resources range from barite and coal to lead and zinc is emphasized. Missouri's factories produce almost everything from aspirin to zippers, and its population is balanced almost evenly between urban and rural. The State as a transportation and communication center both today and in history is pictured, as well as its agricultural prosperity and recreational facilities.

general 33 minutes Handling charge, \$1.00

MR. FARMER BUILDS A SEPTIC TANK (PCA, Color)

Shows the many benefits received from running water and safe sewage disposal system.

h-c-a 20 minutes No charge

MITTENS: STORY OF A KITTEN (C)

Intended to provide background for reading and expression. The story of a little girl and her kitten. Words such as "nursing," "drinking," "play," "whiskers," and "climb," are matched to scenes defining their meaning and the audience is aided in verbalizing their experiences with kittens and other animals.

p 10 minutes \$1.25

MODERN BASKETBALL (IHSA)

In game situations and in slow motion the rules of high school basketball are shown. The rules outlined in detail are: how the ball becomes alive, how the ball becomes dead, the dribble, types of fouls, both personal and technical, and pivoting.

j-h 30 minutes \$3.00

MODERN BUSINESS MACHINES (TAE)

Features machines that are rather expensive and are not to be found in the average classroom. This type of machine was selected so that students in commercial classrooms might become familiar with many of the expensive machines they are apt to encounter in business.

h-c 20 minutes \$2.00

MODERN FOOTBALL (OSFS)

Interpretation of football rules demonstrated by players in action.

h-c-a 28 minutes \$3.00

MODERN FRANCE: THE LAND AND ITS PEOPLE (C)

France of today is vividly presented here — from the wheat fields of Normandy to the factories of Nancy. Steel workers, grape growers, fishermen and truck gardeners are shown, bringing a "human" approach to any study unit on France. Geography, language and social studies teachers will find a wealth of material in this picture of French life.

i-j-h-a 11 minutes \$1.25

MODERN GUIDE TO HEALTH (YA)

Done altogether in animation, it uses a cartoon-type presentation to discuss such health factors as posture, selection and care of clothing, and the importance of sleep and rest.

i-j-h-c 11 minutes \$1.25

MODERN HAWAII (C)

The camera moves to the "Paradise of the Pacific" to bring romantic Hawaii, in all its natural splendor, to the classroom. Hawaii is seen as it lives and prospers. There is the home port of our Pacific fleet — Pearl Harbor — and our great military bases. It is shown how Hawaii, as a scenic haven, economic asset, transportation crossroads, and outpost fortress, ranks among the most important possessions of the United States.

i-j-h-c 10 minutes \$1.25

MODERN LITHOGRAPHER, THE (EB)

Describes in detail the techniques of lithographic artists and the processes of duplicating black and white and color originals by means of direct and photo-offset lithography. The roles of the commercial photographer and the modern printing press in the mass production of attractive art prints including advertising materials, are portrayed. The relation of commercial art to problems of present-day living is indicated.

j-h-c 11 minutes \$1.25

MODERN SURGERY (MOT)

Follows a patient through an operation for gallstones, showing modern surgical techniques, pre-operative and post-operative care, modern anesthetic techniques, surgical teamwork, and other things that go into modern, safe, rapid surgical operations.

h-c-a 20 minutes \$2.00

MODERN WEATHER — THEORY AND STRUCTURES OF STORMS (AAF)

Deals with the circulation of the atmosphere which creates the prevailing winds. Animation and maps, combined with commentary, explain the principles of the air currents created by the tropical regions and the polar regions and the deflection of these winds in terms

of the earth turning on its axis. This provides an explanation for the prevailing westerlies and the formation of the trade winds. An explanation that six degrees of Fahrenheit for each 1,100 feet of ascent is lost, combined with the explanation that cooling reduces the capacity to hold moisture, serves as a basis for an elementary explanation of polar fronts.

Part I — Primary Circulation

j-h-c 18 minutes \$2.00

Part II — Development and Characteristics of Atmospheric Waves.

j-h-c 15 minutes \$2.00

MOLECULAR THEORY OF MATTER (EB)

Evidence of molecular activity in gases, liquids, and solids is presented in support of the molecular theory of matter. Animated drawings explain such phenomena as the diffusion of gases, the evaporation of liquids, and the transformation of liquids into solids, in terms of the theory. Among the features of the film are the machine gun illustration of the force exerted by molecules in action, and the microscopic view of the Brownian movement, direct evidence of molecular motion.

j-h-c 11 minutes \$1.25

MOLLY AND HER DOLLS (EB, Color)

Molly and her friend Betty have a busy afternoon playing with their dolls. Molly confides that her doll, Nancy, has not been well and perhaps is getting the measles. Molly's mischievous brother, Jerry, overhears this remark, and, while the dolls are taking their naps, he paints red spots on Nancy's face. The girls are surprised, but they think of a clever way to teach Jerry a good lesson.

p 5 minutes \$2.25

MONARCH BUTTERFLY (SM, Color)

Begins with the development of the caterpillar into the chrysalis and depicts each successive phase of development to the evolution of the adult butterfly.

i-j-h-c-a 11 minutes \$2.25

MONROE DOCTRINE

(TFC, Color, Restricted to Classroom Use)

Against a background which shows the struggle of the United States to become free from European domination, this subject dramatizes the development of the Monroe Doctrine and the Congressional fight made by Clay and Webster for its establishment and declaration by President Monroe in 1823. Instances of its application are shown in California (1845), Cuba (1852), Mexico (1868), Venezuela (1895) and Santo Domingo (1905). Especially appropriate and timely are the references to the South American republics by Clay and Webster.

j-h-c 20 minutes \$3.00

MOON, THE (EB)

By means of animation and other cinematic devices this film presents dynamically the story of the moon. The difficult concept of tides is clearly explained, as are the phases of the moon. Other lunar phenomena explained by special cinematography and animation are: the moon's orbit; the lunar month; sunrise and sunset on the moon; occultation of stars; the moon's path in space; lunar eclipses; and solar eclipses with special reference to the eclipse of 1932.

j-h-c 11 minutes \$1.25

MORE DANGEROUS THAN DYNAMITE (BFS)

Fires can start from electric irons, poorly placed light cords, cigars, cigarettes, rubbish and using gasoline for cleaning. An object lesson in safety.

general 10 minutes \$1.25

MORE DATES FOR KAY (C)

Intended to help a girl overcome periods of "dating slumps" gracefully and with the proper viewpoint. Designed to rid the girl of a feeling of social failure by making the best of a temporary situation and concentrating on self-improvement for future date possibilities.

h-c-a 10 minutes \$1.25

MORE MILK (USDA)

The need for increased milk production is presented. For this increase the country looks, not to the large commercial dairy herds which are already producing to capacity, but to small farm herds of a dozen cows, or less. If these cows are given the same feed and scientific care the high producing cows get, their production will go up as high as ten, fifteen, twenty per cent or more. The film suggests some of the ways in which this increase can be brought about.

j-h-e 10 minutes \$1.25

MORNING STAR (EB, Color)

Shows the hazards and hardships encountered in a sheep drive from the Salt River Valley in Arizona to the home ranch in the White Mountains. The "hero" is sheep herder Rosalio Lucero. Closes with the 23rd psalm as scenes of the trip illustrate each phrase.

i-j-h-e-a 36 minutes \$5.00

MOSQUITO (EB)

Life cycle of mosquito, traits and habits, disease-carrying characteristics, and steps for control are shown.

j-h 11 minutes \$1.25

MOSQUITO — THE PUBLIC ENEMY (USDA)

This film discusses the mosquito as a pest affecting man and beast; varieties and life history; safeguards and methods of control.

general 20 minutes \$2.00

MOTHER DUCK'S SURPRISE (YA)

Tells of Mother Duck's disappearance from the back yard; of Father Duck's search for her, inquiring of all the other animals in the back yard; and of how Mother Duck finally is found. Shows Mother Duck sitting on her nest hatching a brand new family of ducklings.

p-i 11 minutes \$1.25

MOTHER GOOSE STORIES (BFS)

Mother Goose steps out of the nursery rhyme book and brings some of her favorite characters to life, including Little Miss Muffit and Humpty Dumpty, portrayed by animated figurines.

general 11 minutes \$1.25

MOTHS (EB)

A large silk moth and the white-masked tussock moth are followed in detail through their life histories. The silk moth caterpillar is shown at work in the construction of its unusual cocoon. The secluded life of the female tussock moth is revealed. All the steps in their life cycles are portrayed.

i-j-h 11 minutes \$1.25

MOTION STUDY APPLICATIONS (UIO)

Technical film on common hand motions and illustrates how knowledge of motion economy leads to better and easier ways of working. Applications illustrated are: pin board assembly, folding cartons, assembling ice cube grids and inserting papers in mailing envelopes.

c 20 minutes \$2.00

MOTION STUDY IN ACTION (UIO)

Illustrates that principles of motion economy can be applied to almost any kind of manual work.

c 20 minutes \$2.00

MOTIVATING THE CLASS (McGH)

Bill, the young student teacher of this film, is enthusiastic about his first class in geometry. He can see the wider implications of mathematics for the youngsters, but because he is unable to translate these values in terms they can understand, the class becomes bored and restive, and Bill's first day as a teacher is not a success. The ensuing conference with his sympathetic supervising teacher guides Bill to plan for

YELLOWSTONE

Magnificent color photography of some
of America's finest scenic wonders

10 MINUTES RUNNING TIME

\$2.25 PER WEEK

learning situations that will be of immediate concern to his young people. The child's desire for individual and group distinction is met and satisfied. The film ends by stating that this factor of adequate motivation is basic to all good teaching.

c-a 19 minutes \$2.00

MOUNT VERNON IN VIRGINIA (McGH)

The home of George Washington just as it was in 1783 when he returned for his supposed retirement to private life. We see the well-appointed house with the memorabilia of his long and varied career. Everyday life of the plantation with its many phases of agriculture is also shown.

h-c-a 22 minutes \$2.00

MOUNTAIN BUILDING (EB)

By employing animated drawings and models "Mountain Building" re-enacts significant events in geological history. The subsidence of the land about the mouth of the Hudson River, the story of the Appalachian Mountains, and the spectacular Lewis Overthrust in the Rocky Mountains are vividly portrayed. The film opens with a photographic survey of evidence which constitutes the basis of these interpretations, and closes with a consideration of the significance of these phenomena to mining and structural engineering.

h-c 11 minutes \$1.25

MOUNTAIN FARMERS — SWITZERLAND (UW)

In a land that is very mountainous, where living presents many difficulties, we learn that by turning some of the apparent disadvantages into advantages and by using natural resources to their fullest extent, it is possible for people to live happy, prosperous lives. By living in the film with a family of the Emmenthal Valley of Switzerland, we see how this resourceful nation has developed a flourishing economy from high-



quality dairy products, abundant hydroelectric power, and the exploitation, for their tourist industry, of the very mountains themselves.

i-j-h 22 minutes \$2.00

MOUSIE COME HOME (Castle)

The little mouse's antics drive Andy Panda, and Milo away from home, and the mouse discovers he can't live without them after all.

general 8 minutes \$1.25

MOVIE STAR MICKEY (BRF)

There is a Hollywood premiere for Mickey's huge success. The setting is Grauman's Chinese Theater. Stars attended who are caricatured in the film. But Mickey soon finds it's all a dream.

general 5 minutes \$1.25

MOVING X-RAYS (NA)

Demonstrates uniquely the application of X-rays on motion picture film. Via motion picture X-rays, we are privileged to watch all the action inside a human anatomy. One of the great contributions of modern science put to practical use.

j-h-c-a 11 minutes \$1.25

MUDDY WATERS (USDA)

A story of land use and abuse in the Southwest. Shows conditions when the white man came and how his two great industries, grazing and farming, depleted soil-binding vegetation, resulting in destruction of the soil by floods and erosion. The film points the way to necessary remedial measures.

j-h-c 11 minutes \$1.25

MULTIPLICATION IS EASY (C)

The teaching and learning of multiplication is made easier through this film, another in the arithmetical

series. Others are Let's Count, Addition Is Easy, and Subtraction Is Easy. This reel demonstrates the procedure of multiplication, shows why this process is important to know, and shows the main steps in learning how to multiply.

i-j 11 minutes \$1.25

MUSEUM OF SCIENCE AND INDUSTRY (UW)

A field trip to the famed Museum of Science and Industry in Chicago—a chance to see, no matter where you are, the exhibits of a coal mine, a steel rolling mill, and a model farm. An aid in understanding the relationship between scientific principles and industrial achievements.

general 14 minutes \$2.00

MUSIC AND ARCHITECTURE THROUGH THE AGES (UW)

How the development of musical instruments and instrumentation parallels the evolution of art and architectural forms.

Constant use of montages and dissolves create visual variety. Latter portions of the film are concerned with the splendors of gardens, fountains, and buildings at Versailles.

h-e-a 19 minutes \$2.00

MUSIC IN AMERICA (MOT)

How jazz was derived from Negro folk music, how great composers like George Gershwin got their inspirations from the popular idiom of their time is shown.

j-h-e 17 minutes \$2.00

MUSIC READING (JHP)

Demonstrates the step-by-step development of music reading from the kindergarten class to the class that actually reads notes. Shows a fifth grade classroom situation, with the children learning a new song by reading the notes. Also shows a kindergarten and a third grade music learning situation.

p-i 20 minutes \$2.00

MUSICAL NOTES (UW)

Principles of vibrations—frequency, amplitude, pitch, and quality are demonstrated with notes from string, wind, and percussion instruments. Uses a sonometer and special photography to explain the laws of strings—length, tension and diameter. Quality of notes as related to profile of sound waves is shown with the microphone and oscillograph. Principles governing overtones are explained.

i-j-h 12 minutes \$1.25

MUTINY ON THE BOUNTY

(TFC, Restricted to Classroom Use)

This is the story of the struggle between Captain Bligh and his men during the days in British maritime life when the members of the crew were harshly treated by their officers in command. The struggle in this well-known story finally results in the establishment of wholesome relationships aboard ship which have become a tradition of the British Government and British maritime shipping and have become common practice in all the navies of the world. The material for this subject has been taken from the Metro-Goldwyn-Mayer feature picture.

h 40 minutes \$4.00

MY CHILD IS BLIND (UW)

Shows how a blind child, given patient treatment and proper training at a special nursery school for blind children, can be taught to do many things normal children do. Produced originally for use in occupied areas.

c-a 20 minutes \$2.00

MY TRIP ABROAD (ECA)

When Mrs. Roosevelt travelled to Oslo to unveil a statue of her late husband, she made her trip the occasion to inspect post-war reconstruction throughout Europe. Visiting E. C. A. countries, she noted ways in which the Marshall Plan has been used in each to aid recovery. Mrs. Roosevelt, who narrates the film, stresses the interdependence of the nations of Europe. "The byword," she says, "is integration, and the goal is peace."

j-h-e-a 10 minutes Handling charge, \$1.00

MYRA HESS (BIS)

Myra Hess plays the first movement of Beethoven's Sonata in F Minor—the Appassionata Sonata (piano).

general 10 minutes \$1.25

MYSTERIES OF WATER (KB)

Water is considered, in this film, as a chemical, and as a food. The action shows water behaving as man's friend, a worker, a builder, and in turn as his enemy and a destroyer. Both natural and animated photography are employed to make clear the generalized ideas considered.

This film is intended to give the pupil a survey of the various ways in which water affects our earth.

i-j-h 11 minutes \$1.25

MYSTIC SIAM (TFC, Restricted to Classroom Use)

Scenes include training of dancing girls, elephants at work, tropic waterways, market places during holidays and glimpses of native people at work and play.

About half the subject is devoted to Buddhist and other temples of Oriental religions. Commentary by Lowell Thomas points out Japan's effort to dominate the Orient and the importance of Siam in current world struggle.

i-j-h-a 10 minutes \$1.25

NANOOK OF THE NORTH (ATH)

A study of Eskimo communal life and their struggle for existence, photographed in the Hudson Bay territory.

i-j-h-c-a 55 minutes \$6.00

NATION IS BORN, A (RKO)

Is the first comprehensive motion picture report on the fledgling Philippine Republic, born July 4th. Traces of the thrilling story of Filipino resistance throughout World War II, and the problems facing the government of President Roxas.

general 20 minutes \$2.00

NATIONALISM (EB)

Defines nationalism and traces its development in modern times. Explains its changing aspects as revealed in three important phases; democratic, independent, and imperialistic nationalism. Points up nationalism as a force both for progress and regress in the modern world; emphasizes today's need for directing its constructive aspects toward world peace.

h-c-a 20 minutes \$2.00

NATION'S BUILDING STONE, A (ILU)

In the Bloomington-Bedford limestone area of Indiana are the great beds of building stone used all over America. The film shows how the stone is quarried and shipped to the fabricating mills. In the mills, the stone is split into slabs and shaped to meet desired patterns. The whole process is shown clearly and in a most interesting manner.

general 18 minutes Handling charge, \$1.00

NATION'S CAPITAL, THE (FF)

Presented is a workday in the life of a Congressman — occupied from morning until late at night with the complexities of the nation's affairs.

j-h-c 15 minutes \$2.00

NATION'S MENTAL HEALTH (McGII)

Shows the facilities for training doctors and psychiatric personnel in three hospitals in Topeka, Kansas, the various methods of therapy for psychiatric patients, and the work of the National Association of Mental Health in helping communities to set up mental health clinics.

c-a 18 minutes \$2.00

NATION'S SEARCH FOR GRASS, A (KB)

The story of the herds people of Iran, their homes and their flocks, how each year thousands of them drive their flocks over snow covered mountains to summer grasslands is depicted. This film is taken from the epic "Grass."

j-h 11 minutes \$1.25

NATIVITY, THE (ABS)

Reconstruction of the events surrounding the birth of Christ, from the Annunciation to the coming of the three Kings to Bethlehem.

j-h-a 18 minutes \$2.00

NATURAL RESOURCES OF THE PACIFIC COAST (C)

The Pacific Coast overflows with a richness of natural resources seldom found in other areas of the world. The giant magnitude of its lumbering, fishing, farming and mineral industries can be seen in all its true-to-life vividness as the creation and servant of man. The necessity for conserving our natural resources is presented strikingly.

i-j-h-c 11 minutes \$1.25

NATURE OF COLOR (C, Color)

Beginning with a view of a rainbow, the film presents in logical sequence an explanation of the nature of color in physical terms. Closing scenes apply color principles in the arts, color printing and photography.

j-h-c 10 minutes \$2.25

NATURE OF ENERGY (C)

Clarifies the scientific concept of energy simply and interestingly. Shows the relationships of atomic energy to the other forms of energy. Attempts to give a basic understanding to general scientific advancements in the areas of electricity, sound, light and heat.

i-j-h-c 11 minutes \$1.25

NATURE OF LIGHT (C)

As two boys on a fishing trip make practical use of what they learn about light, students learn the characteristics of light. From their study of a near-by lake, they learn that light is a form of radiant energy producing the sensation of sight, and they also discover the principles of reflection and refraction.

j-h 11 minutes \$1.25

NATURE OF SOUND (C)

Teaches sound with sound, illustrated, animated, and in motion.

j-h 11 minutes \$1.25

NAUGHTY MARIETTA

(TFC, Restricted to Classroom Use)

A classroom version of MGM's feature film. The story of a princess who flees to Louisiana to escape a distasteful marriage at the court of Louis XV and in New Orleans, falls in love with a dashing soldier of fortune. Of chief importance is the playing and singing of the two leading roles by Jeanette MacDonald and Nelson Eddy.

general 44 minutes \$4.00

NAVAJO CHILDREN (EB)

Here are revealed the experiences of a Navajo boy and girl in moving with their family, household effects, pets, horses, sheep, and goats from their winter quarters to their summer home. Following a day's journey by wagon, they camp for the night with other Navajos and after the evening meal sing native songs. In the morning, the Navajo boys hold a marksmanship contest with bows and arrows. Another day's travel brings the family to their destination. Repairing their home, planting crops, caring for their sheep and goats, and rug weaving are among the activities shown. Navajo conversation and songs vitalize this stimulating learning experience for primary grade boys and girls.

p-i 11 minutes \$1.25

NAVAJO INDIANS (C, Color)

Geographic environment, activities and customs of the Navajo Indians are shown. Cooking, weaving, gardening, silversmithing, bartering, home building, and a native dance are depicted, along with reproductions of conversations and music.

i-j-h 10 minutes \$2.25

NAVAJO INDIANS (EB)

Reveals the geographic environment, activities, and customs of the Navajo Indians. It shows their tasks and leisure pursuits; their homework of cooking, weaving, and gardening; and the experiences of a Navajo mother at a trading post. Silversmithing, bartering, home building, and a native dance are depicted, along with reproductions of conversation and music. Scenes of a Navajo wedding ceremony and feast are provided.

p-i-j 11 minutes \$1.25

NAVAJO SAND PAINTING (EB, Color)

The traditional sand painting healing rite as performed by a Navajo medicine man for his ailing son reveals the beauty of a unique art form and stresses its significance in the tribal life of the Navajos. Actual sand paintings are presented in full detail against the Southwestern landscape.

i-j-h 10 minutes \$2.25

NAVIGATION — TIME (Castle)

A careful study of time relationships over the world. Shows, by animated diagrams, how Civil Time, Apparent Time, and Siderial Time are determined, and shows the relationship of time and date between various points on the earth's surface. Relation of time to discovering position not treated.

h-c-a 40 minutes \$4.00

NAZIS STRIKE (OWI)

Compiled from American, United Nations, and enemy-captured movies and further clarified by means of animated charts and maps, this film traces the history of Nazi aggression up to and including the Polish conquest. Germany's urge to impose its rule on the world has been a recognized fact. The symbols and the leaders change but the desire for world domination continues. A study of Geopolitics clarifies the German plan — the attainment of military control of states with their value to Germany boiling down to two factors — labor and raw materials. The film ends with shots of Churchill eloquently refuting the Nazi claim that the democracies would never fight for their convictions, and with words of hope, he promises the eventual utter defeat of the Axis aggressors.

h-c 43 minutes Handling charge, \$3.50

NEAR HOME (BIS)

This is a film about good teaching. To illustrate several principles that are basic to good teaching, a class and teacher study the community in which they live. In the study of the community, the pupils and the teacher can be observed in a learning process that takes advantage of an inherent interest in things nearby.

general 25 minutes \$3.00

NEGRO COLLEGES IN WARTIME (OWI)

Wartime activities being carried on in America's Negro Colleges, from Army classes in automotive mechanics to scientific experimentation in laboratories, are shown.

j-h-c 8 minutes \$1.25

NEGRO SOLDIER, THE (OWI)

A documentary film depicting the role of the Negro soldier in World War II and in the development of the United States. Professional cameramen toured the country for shots of camp life, basic training and simulated warfare for this film. These sequences, together with recreations of historical events and footage from newsreels, are given continuity as illustrations of a Negro minister's sermon to his congregation.

j-h-c 40 minutes Handling charge, \$3.00

NERVOUS SYSTEM, THE (EB)

Animated drawings describe the structure and function of the central nervous system, including the anatomy of the spinal cord, axones, dendrites, nerve bundles, receptor and effector organs. The nature of the nerve impulse and reflex arc also are presented. Microphotography reveals the intricate nature of nerve cells. Close-ups compare the differentiated reactions of an amoeba, a plant, a frog, and a cat. Amplified sounds of actual nerve impulses in man and a cat are reproduced.

j-h-c 11 minutes \$1.25

NEW CHAPTERS (NFBC, Color)

Shows the part the public library can play as a workshop, lecture hall and resource center for a planned cultural activity of the community. Particular emphasis is placed on the provision of facilities for children's activities in the fields of art, music, story telling and play reading.

j-h-a 14 minutes \$3.00

NEW EARTH (EFLA)

The authentic record of a vast land-reclamation project in the Zuyder Zee of Holland is contained in this film. It shows in detail the stages of this giant engineering project begun in 1920 and requiring ten years for completion. This film is a valuable document suitable for use in many types of study and for all age levels.

i-c 18 minutes \$2.00

NEW ENGLAND (FF)

Nowhere are the symbols and traditions of this nation's past more real and more alive than in New England. The film presents this New England background as well as the beauty of its mountain and coastal areas.

j-h-c 11 minutes \$1.25

NEW ENGLAND: BACKGROUND FOR LITERATURE (C)

Now your classes can explore Thoreau's pond, sit snugly at Whittier's hearth and thrill to see the ensign flying from Old Ironsides. Here is the New England as we know it through the works of Bryant, Emerson, Longfellow, Whittier, Thoreau, Holmes and Alcott. The works of these authors will take on new meaning as students see and experience the New England materials out of which they are built.

j-h-c-a 11 minutes \$1.25

NEW ENGLAND FISHERMEN (EB)

In the opening sequence of this picture, the spirit of the Gloucester fisherman is captured from domestic life situations of a fisherman, concerning his precarious

way of making a living. Following this, a schooner sets out for the Grand Banks. As the fishing grounds are approached, the crew make ready their lines and hooks with which they will fish in small boats. After the small boat is filled, it returns to the schooner to unload and start afresh. Work and living conditions aboard a steam trawler which drags a fishnet along the ocean floor, are also portrayed. With their holds full of fish, both schooner and trawler journey to the Boston fish piers.

i-j 11 minutes \$1.25

NEW FRANCE, THE (FF)

This film will help you to understand the political problems of France, the necessity for a National Planning Council, and the indomitable spirit of the French people.

j-h-c 17 minutes \$2.00

NEW FRONTIERS OF MEDICINE (MOT)

Here are the newest medical miracles—the discoveries of men who are working to make life longer and better. New drugs such as sulfa, penicillin, streptomycin; new fields of study such as the Rh blood factor, the artificial kidney, brain surgery, nutrition; progress in the old fields such as heart disease, cancer, rheumatic fever—all are covered in the film.

general 17 minutes \$2.00

NEW HORIZONS—ALASKA (TFC)

Presents scenic views of Alaskan topography and shows significant industrial developments in this territory.

i-j-h-a 9 minutes \$1.25

NEW ROADWAYS

(TFC, Restricted to Classroom Use)

"New Roadways" makes reference to types of news disasters which occupy the first pages of newspapers, and the constructive discoveries which are mainly relegated to back pages. The latter type of news is pictured.

In the laboratory, glass is rolled like a carpet and spun into cloth. Cotton, corn and wood are utilized to form new substances. Treasures of the sea are sought—the beach is plowed and seeded for clams; factories are constructed to draw up food from the sea. The sun is harnessed, a solar heat machine being used to produce steam which in turn operates a generator for an electric refrigerator. Next, experiments on white mice are shown.

The true value of plastic surgery is presented in its ability to restore broken men disfigured either from war or industrial accidents.

The commentator closes with the statement that it is this group of discoveries and workers which builds for the future.

j-h-c 11 minutes \$1.25

NEW ROMANCE OF GLASS (BB)

An instructive film taken in one of the largest plants manufacturing glass jars. Many views depicting the processes in the manufacture of glass products are shown. The history of glass from its early discovery by the Phoenicians to the modern method of blowing glass jars by machinery. Demonstration of cold pack canning.

j-c 20 minutes Handling charge, \$1.00

NEW SOLDIERS ARE TOUGH (OWI)

Made during the early part of World War II, shows many of the new war tactics developed at that time. Some scenes of commando training, of shock troop tactics in cities, ends with scenes of a commando raid on a Norwegian town.

h-c-a 22 minutes \$2.00

NEW SOUTH, THE (FF)

The famous Berry School is shown typifying the new South's intelligent and effective efforts to solve the problem of educating all her people to a better balanced economy.

j-h-c 17 minutes \$2.00

NEW SUPERVISOR TAKES A LOOK AT HIS JOB (USOE)

A young workman has just been made a line supervisor. In the interview with the superintendent, he is shown that in his new job, he must learn to get results by working with people instead of machines.

h-c 11 minutes \$1.25

NEW TOOLS FOR LEARNING (EB)

Presents a challenge to parents and educators to provide the schools with as modern tools as business and industry have. Illustrates a variety of uses of the motion pictures, along with other teaching aids, in the present day curriculum.

c-a 18 minutes \$2.00

NEW WAYS IN FARMING (FF)

Three distinct tendencies today are shown. First of these is large-scale factory-style farming. Second is the cooperative technique. Third is the way of the traditional independent farmer.

j-h-c 15 minutes \$2.00

NEW YORK CALLING (NYC)

We are taken by train to the beautiful city of New York through picturesque mountains passing West Point and following the Hudson River so that we can enjoy the many scenic spots of its shores. Among the other scenes shown are: Park Avenue, Staten Island, the New York Aquarium, Statue of Liberty, Brooklyn

Bridge, the New York Hospital, the Zoo, Wall Street, George Washington Bridge, Columbia University Library, and the Empire State Building. Filmed in technicolor.

i-j-h 22 minutes Handling charge, \$1.00

NEW YORK: STORY OF A CITY (SM)

A comprehensive educational study of our largest city. Here are presented the behind-the-scene workings of its great markets, its harbors, public utilities, and its transportation system. The city is pictured as the economic hub of America. Presented factually rather than in travelogue form, the film is designed to integrate with courses in history, geography, economics, civics, and sociology at all educational levels.

general 22 minutes \$2.00

NEW YORK — THE WONDER CITY (ICS)

This motion picture of New York shows its famed harbor, lower Broadway and its massive canyons of steel and stone, the historic Sub-Treasury where George Washington took his oath of office as first President, Wall Street, inside and outside the Stock Exchange, the Bowery, St. Patrick's Cathedral, Empire State Building, Chrysler Building, and numerous other interesting spots.

i-j-h-c 11 minutes \$1.25

NEWS MAGAZINE OF THE SCREEN (CT)

Produced monthly by Warner-Pathe News and deposited through the courtesy of the Standard Oil Company, the NEWS MAGAZINE OF THE SCREEN is available for distribution by the Visual Aids Service. Circuits have been set up for prints of each new reel, and all patrons wishing a print for showing will be served in approximately 60 days after the release date of each print. Films previous to the one currently on a circuit may also be rented from the Visual Aids Service. Apply for further information.

22 minutes Handling charge, \$1.00

NEWS PARADE OF 1945 (UW)

Shows the war's end, the Allies in Berlin, the Yanks in Tokyo, the death of Roosevelt and war criminals.

general 11 minutes \$1.25

NEWS PARADE OF 1950 (SW)

Presents graphic, accurate and permanent record of the year's greatest headlines filmed on the spot as history was made throughout the year. Shows Communism on the march in Japan and Berlin — Disaster of South Amboy, New Jersey — Navy Rocket testing at White Sands, New Mexico — Battle scenes in Korea, and other headlines of the year.

j-h-c-a 10 minutes \$1.25

NEWS REVIEW OF 1945 (OF)

Includes the final victory of World War II, the bombing of Nagasaki, a typhoon in the Pacific and New York's welcome to the war heroes.

j-h-a 11 minutes \$1.25

NEWS REVIEW OF 1947 (UW)

Complete movie record of one of the most critical years in the history of the world. The stupendous events of the year compiled in a permanent, living record.

general 11 minutes \$1.25

NEWS THRILLS OF 1942 — VOLUME I (OF)

The first volume covers the following subjects: Japs bomb Pearl Harbor, battle of Singapore, United States declares war, burning of S.S. Normandie, Russia stops Hitler, shelling of Aruba, and U.S. Navy blasts Marshall Islands.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1942 — VOLUME II (OF)

Volume II tells of the following events: battle of Midway, British capture Madagascar, allied convoy foils Axis attack, "Flying Tigers" in the Far East, R.A.F. bombs Paris, General MacArthur takes supreme command in Australia, General MacArthur in the Philippines, and General Stillwell and Chiang Kai-shek in Burma.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1942 — VOLUME III (OF)

The third volume includes the following: United States raids Dieppe, United States captures the Solomon Islands, United Nations trap Rommel, and 1100 planes bomb Germany.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1942 — VOLUME IV (OF)

The fourth volume covers the following events: United States opens second front, Russian offensive traps Nazis, British victorious in Egypt, and U.S. carrier bombed by Japs.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1943 — VOLUME I (OF)

Vividly and dramatically sketches the following history-making events: President Roosevelt and Prime Minister Churchill meet at Casablanca; Timor; Guadalcanal, Marines blast Japs; Stalingrad, Russians victorious.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1943 — VOLUME II (OF)

Depicts the smashing victory of the Allies in Tunisia. There are scenes of the Japanese sneak attack on Pearl Harbor, Doolittle's famous flight to bomb Tokyo, and

the sinking of 24 Japanese ships in the battle of Bismarck Sea are also shown.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1943 — VOLUME III (OF)

The invasion of the Allies in Sicily and the fall of Pantelleria are vividly portrayed in the third volume of the news thrills.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1943 — VOLUME IV (OF)

American fliers making their famous bombing raid on the Ploesti Oil Fields, and the surrender of Italy are the two topics graphically covered in this film. Also shown are scenes filmed by Italian cameramen depicting the reaction of the Italian people to the surrender, cutting down the Fascist emblem, street parades, and general celebration.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1944 — VOLUME I (OF)

News thrills for 1944 gets off to a splendid start with this first dramatic volume. History in the making is shown in the meeting of Chiang Kai-shek, Roosevelt, and Churchill in Cairo and the following conference at Teheran of Stalin, Roosevelt, and Churchill. Graphic sequences of the battle for Tarawa photographed by U.S. Marine Corps cameramen are also seen in this exciting news subject.

j-h-c 11 minutes \$1.25

NEWS THRILLS OF 1944 — VOLUME II (OF)

The second volume of the news thrills for 1944 depicts the Allied invasion of the western coast of Europe. Many close-ups are taken of the first wave landing on the Cherbourg peninsula, and of the intense bombing raids over occupied France. Glimpses of native Frenchmen, of German prisoners, of wounded Americans, and of the meeting of Eisenhower and Montgomery are among sequences seen in connection with D-Day.

h-c 11 minutes \$1.25

NEWS THRILLS OF 1945 — VOLUME I (OF)

The first volume includes the following: battle of Germany, Yalta conference, bombing of German communication centers, General Montgomery's 2nd Army advance towards Berlin, capture of Ludendorf Bridge, and the crossing of the Rhine.

h-c 11 minutes \$1.25

NEWS THRILLS OF 1945 — VOLUME II (OF)

Volume II tells of the following events: Gen. MacArthur's return to the liberated city of Manila, Lingayen Gulf battle, landing on Leyte and Luzon, and the spectacular paratroop attack and recapture of Corregidor.

h-c 11 minutes \$1.25

NEWS THRILLS OF 1945 — VOLUME III (OF)

The battle for Iwo-Jima is vividly portrayed in the third volume of the news thrills. Air and sea bombardments pave the way for the invasion of Iwo-Jima as 40,000 U. S. Marines capture airfields, storm pillboxes and push on through the volcanic ash in the toughest, bloodiest battle in Marine history.

h-c 11 minutes \$1.25

NEWS THRILLS OF 1948 (OF)

Here are the great events of world history that occurred in 1948. An exciting, historical film, covering a year of violence and change in a world still unsettled.

general 10 minutes \$1.25

NEWSPAPER STORY (EB)

Presents a vivid behind-the-scenes view of a newspaper office. Follows a human interest news story from the time a reporter first learns of it until it appears in print on the front page. Impressively illustrates the duties of the workers who observe, write, edit, print and distribute the daily newspaper. Shows the huge presses and other mechanical devices which make possible the printing of thousands of newspaper copies in a matter of minutes. Suggests the tremendous importance of the newspaper as a medium of communication.

i-j-h 16 minutes \$2.00

NEWT, THE (IFB)

Begins by comparing the three common types of newts. Male and female smooth newts are chosen for detailed study. Animated drawings describe the reproductive process and the development of the sex organs. The life cycle is then shown in detail. Habitat, hibernation, and mating habits are also pictured.

j-h-c-a 10 minutes \$1.25

NIAGARA FALLS (HFE, Color)

A story of the greatest natural source of waterpower on the North American continent. Begins with the geological explanation of the formation of the falls, and tells of its discovery by Father Hennepin in 1678. Niagara is also shown as a valuable source of hydroelectric power both to the United States, and to Canada.

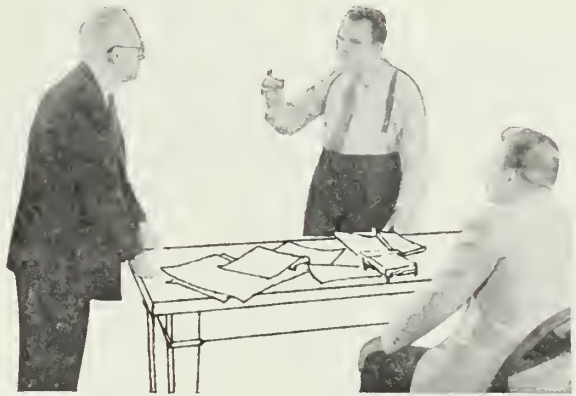
j-h-c 11 minutes \$2.25

NIAS AND SUMATRA: ISLANDS OF THE NETHERLANDS EAST INDIES (NA)

Maps and commentary depict the people and their life in relation to the rest of the world. The film shows the land being farmed, the home life of the inhabitants, their folk-lore, their famous arts and crafts, their religion, their dances and music, the products and the industries.

j-h-a 11 minutes \$1.25

Films on Government

POLITICAL PARTIES**PRESSURE GROUPS****CENTRALIZATION AND DECENTRALIZATION****IT TAKES EVERYBODY TO BUILD THIS LAND****PARLIAMENTARY PROCEDURES IN ACTION****PATTERN FOR PEACE: CHARTER OF THE U.N.****PRICE OF FREEDOM****STATE LEGISLATURE****NICKEL MILLING AND SMELTING (USBM)**

Shows map of Sudbury district, Ontario, where most of the world's nickel is produced. Depicts world's largest nickel smelter; reservoir; power plant; transformer station; and ore being loaded into cars, transported to a screening plant, crushed, and ground. Various processes involved from this time on are clearly explained. Shows another type of smelter where ore is roasted on sintering machines. Closing scenes show exterior and interior of change house.

h-c 17 minutes Handling charge, \$1.00

NICKEL MINING (USBM)

Shows map of Sudbury district, Ontario, where most extensive deposits of nickel-bearing ores are located. Depicts processes involved in mining from sinking and timbering of shaft to hand shoveling ore into chutes. Pictures miners in their working garb. Shows the various stations and work shops on the surface. Continues with miners coming off shift. Describes open-pit mining of surface deposits. Reel ends with views of change house and large parking lot for miners' cars.

h-c 16 minutes Handling charge, \$1.00

NICKEL REFINING (USBM)

Begins with airplane views of a large refinery producing electrolytic nickel, black nickel oxide, and nickel shot. Shows how nickel sulphide is crushed and ground in ball mill and all processes in between up to the time molten nickel strikes the jets of water where it is disintegrated into small globules or shot, which drop into water, are cooled, dried, and barreled.

h-e 22 minutes Handling charge, \$1.00

NIGHT AND BAD WEATHER DRIVING (PRP)

Deals with the safety steps you should take when driving during bad weather—care of your car—safety appliances—how to prevent a skid—and many other safety precautions. Shows why darkness and bad weather are the two worst killers.

h-c-a 11 minutes \$1.25

NIGHT BEFORE CHRISTMAS (Castle)

The famous poem comes to life in a film which combines live actors with animated sequences.

general 11 minutes \$1.25
(one day only)

NIGHT IN THE JUNGLE (LF)

Shows insect life in the Amazon jungle as photographed by Commander Dyott.

i-j-h-c-a 10 minutes \$1.25

NIGHT MAIL (BIS)

This is the journey of the "Postal Special," London to Scotland, a fast express carrying no passengers and manned entirely by Post Office workers. Mail is sorted on board and at various railway centers on the way mailbags are received or dispatched. The train also picks up or drops mail en route while traveling at high speed.

general 25 minutes \$3.00

NINE BASIC FUNCTIONAL SYSTEMS OF THE HUMAN BODY (B)

The principal and basic constituents of the human system are set forth by means of animated drawings in nine groups—circulatory, nervous, sensory, digestive, lymphatic, endocrine, skeletal, muscular, and excretory. The description of each group is confined to essential facts, and the series as a whole is intended to supply the student with a basic knowledge of the different parts which unite in the coordinated functioning of the whole body.

h-c 11 minutes \$1.25

1947 NATIONAL SINGLES TENNIS CHAMPIONSHIPS (AFS)

Shows in slow motion the final matches played on the courts of the West Side tennis club at Forest Hills.

Women finalists are Louise Brough, Margaret Osborne and Doris Hart. Men finalists are Jack Kramer and Frank Parker.

j-h-e-a 10 minutes \$1.25

1947, YEAR OF DIVISION

(TFC, Restricted to Classroom Use)

Headline events of the year, including the international difficulties which have set the United States and the USSR at odds.

h-a 21 minutes \$2.00

NO ACCIDENTS (BIS)

Emphasizing again the importance of observing all safety precautions in industrial work and pointing out that man-hours lost because of accidents are a bonus to Hitler.

j-h-c 11 minutes \$1.25

NO HEAD START

(TFC, Restricted to Classroom Use)

Homer MacAuley and Hubert Akely are rivals for a place on the high school track team. Hubert is favored by the coach because of his family's social position, but the boys' history teacher sees to it that Homer has an equal chance to compete for the championship, which he wins.

i-j-h-c-a 8 minutes \$1.25

NO HELP WANTED (AMA)

Tells of the jobs disabled veterans are holding now in American industrial plants. It shows clearly many of the jobs that can be performed by the veteran who has been disabled in the service of his country.

general 18 minutes Handling charge, \$1.00

NO SMOKING (SD)

A boy and girl start to light a cigarette, but the narrator stops them and explains how smoking costs each smoker \$150 to \$500 per year, and how smoking affects the health and length of life of smokers. Recommends that the only sure way to break the smoking habit is not to start.

j-h 10 minutes \$1.25

NOAH AND THE ARK (HFE)

Shows Noah receiving the message of Jehovah, building his ark and assembling his animals. The God-fearing, hard-working Noah is shown in sharp contrast to the lustful, greedy men of his period.

c-a 11 minutes \$1.25

NOBODY'S CHILDREN (MOT)

In the United States today, one couple in every seven is childless; many of them wish to adopt babies, but there just aren't enough babies to go around. The

film shows the dangers in lax adoption procedure and documents the more advanced methods.

general 17 minutes \$2.00

NOMADS OF THE JUNGLE — MALAYA (UW)

The moment this picture begins you experience the illusion of actual presence in a Malayan jungle and participation in the everyday life of a typical nomad family. You hear the chatter and laughter of carefree moments and you understand perfectly how these people plan their lives, anticipate their needs, and meet their problems in relation to climate, environment, and natural resources. The story centers upon the development of a boy approaching maturity and his preparation for adult responsibilities.

j-h-c 20 minutes \$2.00

NORMAL BIRTH, A (MFI)

Delineates the actual physical birth of a child, from the time the mother enters the delivery room until she leaves it. Because of the subject matter, the film is for distribution only to qualified persons and for showing to properly constituted groups under the supervision of a qualified leader.

h-c-a 11 minutes \$1.25

NORMANDY INVASION (OWI)

Is an unforgettable record of the tremendous preparations and effort made by the invasion forces on D-Day. Gripping scenes of U. S. Troops wading through a hail of machine gun fire from boats which have worked their way through mine fields and under water obstacles highlight the picture. There are excellent long shots of the entire movement to show air, land, and water forces coordinated in a perfectly timed invasion of the European continent.

h-c 19 minutes \$2.00

NORTH TO HUDSON BAY (NFBC, Color)

An expedition through Canada's rugged Northland to Hudson Bay takes the holiday-maker far off the beaten track. Setting out from Winnipeg on an excursion train, the camera carries us across wheatlands, past lakes, into famous mining towns and over muskeg to the port of Churchill. Here the modern explorer is introduced to local wild life — ptarmigan, caribou and white whale — and learns about the commercial and scientific activity in this most northerly of major Canadian ports.

general 11 minutes Handling charge, \$1.00

NORTHEASTERN STATES, THE (EB)

Provides an interpretation of historical progress in the development of resources in the areas of West Virginia, Maryland, Delaware, District of Columbia,

New Jersey, Pennsylvania, New York, Connecticut, Rhode Island, Massachusetts, Vermont, New Hampshire, and Maine. Features of the land, people, natural resources, textile, clothing and heavy industries are also given.

j-h-c 11 minutes \$1.25

NORTHERN RAMPART — STORY OF ALASKA (RKO)

Casts a revealing spotlight on this territory of plank main streets, totem poles, ghost towns, glaciers, forests — and unlimited opportunity.

general 18 minutes \$2.00

NORTHWESTERN STATES, THE (EB)

The physical characteristics of the states of Montana, North Dakota, South Dakota, Wyoming, Idaho, Utah, Colorado, Nebraska, and Kansas are shown. Topography, rainfall, drainage, fauna and flora, people, metropolitan centers, scenic and recreational features, transportation and commercial activities, natural resources, and agricultural situations are shown. Special consideration is given to the interdependence of this region with other regions of the country.

j-h-c 11 minutes \$1.25

NORWEGIAN CHILDREN: FARMING ON A FIORD (EB)

Provides an interesting visit with a farm family on a fiord in western Norway. Portrays typical activities of the children and mother tending livestock on the mountains during the summer. Emphasizes dairying activities such as milking, cheese making, and transporting milk to dairy in valley. Follows family back to farm home in valley and describes trip of children across fiord to village and cooperative dairy. Concludes with neighborhood festival to celebrate homecoming of the women and children.

p-i 11 minutes \$1.25

NOSE, THROAT AND EARS (McGH)

Animated drawings are utilized extensively in describing these parts of the body, so that the student may clearly see their structure and functions, and thereby understand the reasons for recommended procedures for their care. (For other titles in this series see Body Care and Grooming.)

j-h-c 11 minutes \$1.25

NOSTRADAMUS

(TFC, Restricted to Classroom Use)

The biography of one of the world's famous mystics, who, as a doctor, evolved an effective cure for the Black Plague, and as a soothsayer, made many startling predictions about world events which have since been fulfilled.

j-h-c 11 minutes \$1.25

NUMBER SYSTEM, THE (EB, Color)

This film demonstrates the combining of single objects into groups of ten. This is followed by counting groups of ten. Several combinations are given representing a variety of combinations with two place numbers only.

p 11 minutes \$2.25

NUREMBERG TRIALS—GUILTY OR NOT GUILTY (I)

Starting with ghastly scenes of Nazi atrocities, summarizes the trial of the top officials of Hitler's Third Reich. The opening and summation of the prosecution are shown in part. Narration asks whether justice has been shown.

c-a 20 minutes \$2.00

NURSE, THE (EB)

Stresses the significance of the nurse as a person trained to provide technical and personal services that assist the sick. Describes clearly some of the typical activities of nurses in the pediatrics, emergency, and maternity wards of a hospital. Points out that, in addition to technical skill, the good nurse has a pleasing personality which helps win the confidence of her patients.

p-i-j 11 minutes \$1.25

NURSING (VGF)

Nursing is divided into three distinct groups. The three groups are: Private Nursing, Public Health Nursing, and Institutional Nursing. The film shows the variety of the nurse's activities while in training and it indicates the thoroughness of training in a good school. It shows some of the activities of the three groups of nursing as well as the problems connected with each. An excellent film.

h-c 11 minutes \$1.25

OBERAMMERGAU (BFP)

Scenes of the Bavarian countryside are shown, as well as the architecture, violin-making, and woodcarving in the town of Oberammergau. Shows the setting of the Passion Play and some of the residents of Oberammergau who were to participate in the play of 1950. Closes with views of the palace of Liudershof.

j-h-c-a 15 minutes \$2.00

OBESITY—PROBLEMS OF FAT FORMATIONS AND OVERWEIGHT (EB, Color)

Illustrates the physiology of fat formation in the human body and analyzes physiological and psychological causes of overweight. Reveals ways in which body weight can be controlled and explains the danger of uncontrolled fat accumulation.

h-c-a 12 minutes \$3.00

OBJECTIVE SECURITY (OWI)

The dramatic story of 300,000 Okinawans who learned about American government from the members of the Civil Affairs team that liberated them from Japanese domination.

general 18 minutes \$2.00

OBLIGATIONS (SM)

Contrasts the life of the disorganized Smith family with that of the Browns who have solved most of their problems of orderly living—by paying attention to their mutual obligations. Stresses our individual responsibility to each other.

j-h-c-a 18 minutes \$2.00

OCALA (USDA)

A scenic tour through Ocala Park in Florida.

general 11 minutes \$1.25

OF HUMAN RIGHTS (UNFD)

An incident involving economic and racial prejudice among children is used to dramatize the importance of bringing to the attention of the peoples of the world their rights as human beings, as set forth in The Universal Declaration of Human Rights, proclaimed by the United Nations General Assembly in December of 1948.

j-h-c-a 20 minutes \$2.00

OF PUPS AND PUZZLES

(TFC, Restricted to Classroom Use)

Is a study in individual differences and techniques to be followed in fitting applicants to the positions of their greatest usefulness. By way of illustration, a psychiatrist observes animals' reactions to certain stimuli in order to judge better what to expect from humans under given conditions. Comparisons are made in the commentary as the picture shows three young men applicants at an airplane factory exhibiting extremely different reactions to the same kind of test. They are assigned to jobs which are indicated by these reactions.

j-h-c 10 minutes \$1.25

OFFICE COURTESY (EB, Color)

Dramatizes techniques for office workers in meeting and working with persons outside the company, face to face and over the telephone. Emphasizes the importance of courtesy and thoughtfulness and reveals how the employee's attitude may, without his realizing it, have considerable effect on his company's success.

h-c-a 12 minutes \$3.00

OFFICE ETIQUETTE (EB)

Emphasizes the importance of courtesy in everyday business contacts by portraying ways in which office

etiquette contributes to success in office relationships. Shows how courtesy can be applied to typical situations such as applying for a job, reporting for work the first day, and performing routine secretarial duties. Emphasizes consideration for fellow workers and employer, telephone courtesy, promptness, and the desirability of a friendly but businesslike attitude while on the job.

h-c-a 16 minutes \$2.00

OFFICE TEAMWORK (EB, Color)

Illustrates the importance of cooperation among the members of a business organization. Dramatizes representative office situations in which teamwork is necessary and reveals the effects of various employee attitudes on company morale and business.

h-c-a 12 minutes \$3.00

OHIO, ITS MINERAL RESOURCES (USBM)

A travelog-type description of Ohio, concentrating on its vast wealth of mineral resources, both in minerals mined and water power.

general 30 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — BIG BOTTOM PARK (State Ed. Dept. — Ohio)

This travelog pays a visit to Big Bottom Park and with this as a starting point traces the expedition of Harmer, St. Clair and Wayne, and shows the places in Ohio made outstanding by them.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — BRIDGES, LAKES, MONUMENTS (State Ed. Dept. — Ohio)

Included are scenes of the Natural Bridge, Mine Fire, Lake Alma, Sheridan Home and Monument, Sherman Home, Mount Pleasant, Lithopolis, and Buckeye Lake.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — BUCKEYE LAKE REGION (State Ed. Dept. — Ohio)

Parts of the Buckeye Lake Region have been burning for many years. The fire is that of burning coal underneath the earth. The government has spent half a million dollars in the attempt to put an end to it. Since the region is one of great natural beauty, there are many popular summer resorts and amusement centers. Included are scenes of the Natural Bridge, Lake Alma, Sherman Home, Sheridan Home, Hocking River, and Buckeye Lake.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — CINCINNATI TO PITTSBURGH (State Ed. Dept. — Ohio)

A steamboat trip on the Ohio River from Cincinnati to Pittsburgh and return is the subject of this film. The

dining room, deck sports, loading the boat, pilot house, and other features of the boat itself are shown.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — THE CITY OF CINCINNATI (State Ed. Dept. — Ohio)

Scenes in this film include the city of Cincinnati as seen from Kentucky Shore, Fountain Square, Site of Port Washington, Ohio River from Eden Park, Rockwood Pottery, Art Museum, Harrison's Tomb, Ohio River at North Bend.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — CITY OF CLEVELAND (State Ed. Dept. — Ohio)

Scenes of Cleveland Terminal Building, Public Square, Garfield Monument, Ore Dock, Auditorium, Air Port, Art Museum, Parks and Lake Scenery are shown.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — HOCKING CAVE REGION (State Ed. Dept. — Ohio)

The Hocking Cave region is shown while the commentator narrates a story of the region. Rockhouse Cave, Old Man's Cave, Cantwell Cliff, Conkle's Hollow, and Cedar Falls are some of the scenes shown.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — MOHICAN FOREST PARK (State Ed. Dept. — Ohio)

Depicted are Mohican Forest Park, Willard Monument, Spirit of '76, and Portage Lake Scenes.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — OHIO RIVER (State Ed. Dept. — Ohio)

The roads to Buckeye Station, the Ohio River, a ferry on the River, the Rankin House, Grant's Birthplace at Point Pleasant, and Grant's Home and School at Georgetown are some of the scenes shown.

i-j-h 11 minutes Handling charge, \$1.00

OHIO STATE TRAVELOG — PUT-IN-BAY (State Ed. Dept. — Ohio)

Put-in-Bay, Perry Monument, Marblehead, Kelley's Island, Cedar Point, Blue Hole, Edison's Home, McPherson Monument, and Crawford Monument are shown.

i-j-h 11 minutes Handling charge, \$1.00

OIL (CRC)

Describes the many uses of oil in everyday life and the importance of it in progress and the maintenance of our standard of living.

h-c 20 minutes Handling charge, \$1.00

OIL FOR ALADDIN'S LAMP (ASFL)

Scenes in petroleum research laboratories tell of the development there of petroleum products and many other products useful in our daily lives. The film explains the challenging research job, and emphasizes the value of this research in national defense.

i-j-h-c 30 minutes \$3.00

OIL TODAY, POWER TOMORROW (F, Color)

The story of oil and how it is brought to the earth's surface. Indicates the variety of oil products and shows how they are transported. Emphasizes the importance of the men who work in the oil industry and the significance of oil as a source of power and heat in the world today.

i-j 16 minutes \$3.00

OKLAHOMA AND ITS NATURAL RESOURCES (USBM)

Film opens with a continuity of maps showing geographical developments of State from its beginning as a part of Louisiana Purchase from France in 1803. There follow descriptions and scenes of interesting development in agriculture, mineral production, commercial buildings, residential areas, and educational and religious institutions in some of the principal cities of the State.

general 26 minutes Handling charge, \$1.00

OLD AND MODERN NEW ORLEANS (TFC, Restricted to Classroom Use)

A travelog of old and new New Orleans, with special emphasis on the old French Section. Scenes include colonial public buildings of French and Spanish origin, cathedrals, parks, statues, quaint streets, iron grilles, balconies, the old French market, small shops, famous old residences, outdoor restaurants, patios with blooming flowers, the modern city, the four universities, etc.

j-h 10 minutes \$1.25

OLD CHIEF'S DANCE (UOK, Color)

A Sioux Indian chief's own life story, told in dance—recounting the outstanding deeds of valor that have marked the dancer's life.

"Subtle, dignified and stately, it is an old man's dance, expressive of a richly different culture that now has vanished. It was not regarded as boasting for an Indian thus to tell of his triumphs. Rather, it was his duty as well as his privilege, since it preserved unwritten history and set a pattern of courage and achievement for the younger men to follow."

h-c-a 6 minutes \$2.25

OLD HICKORY

(TFC, Color, Restricted to Classroom Use)

Biography of Andrew Jackson, affectionately known as "Old Hickory." Characters portrayed include Gov. Claybourne, Lafitte, the pirate, Chief Justice John Marshall, Daniel Webster, Senator Robert Hayne and Abraham Lincoln. Events cover British attack on New Orleans, Jackson's strategy to defeat them, his refusal to fight a duel, his election as president, the Daniel Webster-Robert Hayne debate over the tariff, and Jackson's action on the tariff.

j-h-c 20 minutes \$2.00

OLD MACDONALD HAD A FARM (EC)

Scenes show how Angus learned to avoid backbreaking work by putting his tractor on a full-time basis. With him, you'll see how a tractor can be made to plow and harrow in one operation, turn windrows, make drainage ditches, harvest forage crops, clear weeds, saw wood, fill a barn.

h-c 28 minutes Handling charge, \$1.00

OLD MACDONALD'S FARM (COFC)

Bobby and Sally have never seen a real farm animal. They know them only from pictures and books. But one day they see and play with all the animals on old Macdonald's farm.

p-i-j 10 minutes \$1.25

OLD MOTHER HUBBARD (Castle, Color)

A cartoon adaptation of the nursery rhyme telling how the little dog goes from the bare cupboard to the king's table.

general 11 minutes \$2.25

OLIVER WENDELL HOLMES (EB)

Reveals, with dramatized episodes from Holmes' life, the reasons for his position of eminence in our national cultural history. Portrays him as he drops the study of law for medicine, and outlines his later accomplishments in that field. Points out Holmes' contributions as a man of letters and as a lecturer, highlighting events incidental to the writing of "Old Ironsides," *Autocrat of the Breakfast Table*, and other works. Emphasizes the man's genial personality, his broad perspective, his intolerance of dogmatism; and reveals him as an exponent of the scientific method.

j-h-a 22 minutes \$2.00

ON GUARD (McGH)

Shows the methods used by the Federal Bureau of Investigation in protecting the United States from attacks from within.

h-a 17 minutes \$2.00

ON MEDITERRANEAN SHORES — GREECE (UW)

The relatively barren soils of Greece are shown in this film producing a great part of the food needed by the people. By their three level system of farming the people of Greece obtain a large part of their food supply. Their proximity to the sea enables them to augment their food supply by fishing during the season when the land is too dry for farming. A few export crops provide funds with which the people of Greece supplement their relatively poor economy. This is basically the story of a poor people in a poor land, but wringing from the land all that it can provide.

j-h-c 22 minutes \$2.00

ON STAGE (McGH)

Takes you behind the scenes as a Broadway play is being produced to show casting, set designing, rehearsing, and actual performance. Maxwell Anderson, Rex Harrison, Jed Harris and other famous stage personalities are introduced, as well as the numerous backstage workers.

h-c-a 18 minutes \$2.00

ON THE AIR (JH)

Pictorially and musically a radio broadcast is put on the screen. The principle of the audio wave, its control, its conversion in the oscillator to a steady carrier wave, its transmission and its reception in the home are explained. Photography in the studio, control room and transmitting station gives an enlightening picture of the activity behind the scenes and the duties of some of the employees.

j-h-c 11 minutes \$1.25

ON THE LEVEL (JH)

In this motion picture there is valuable demonstration of how mass and inertia affect straight line progress. We see that, in yesterday's car, there was a great deal of unsprung weight, consisting of the wheels, axles, running gear and all parts not mounted on springs. All this weight had an upward pounding effect when the car was driven over rough roads.

We are shown how the decreasing weight in the front axle and the inclusion of the individual spring suspension keep the pounding of the road at a minimum, while the wheels get the bumping, the car remains on the level.

j-h-c 7 minutes \$1.25

ON THE WAY TO SCHOOL (C)

Story of a boy's adventures on the way to school — meeting the milkman, watching a garage being built, looking in on a nest of robins, and watching a train go by. Intended to create interest in expression

and activities concerning everyday experiences, and help primary children to tell a story in an orderly and chronological sequence.

p 11 minutes \$1.25

ON TWO WHEELS (JH)

Bicycle safety is illustrated by incidents in careless riding of a bicycle which are brought before a juvenile traffic court and are corrected by various means.

i-j-h 14 minutes \$2.00

ONCE UPON A TIME (MLI)

The subject is street safety and is full of action. Well-known fairy tale and Mother Goose characters become involved in the present-day types of street and highway accidents through the machinations of two bad goblins, Carelessness and Discourtesy.

i-j 10 minutes Handling charge, \$1.00

ONE AGAINST THE WORLD

(TFC, Restricted to Classroom Use)

Is the story of Dr. Ephraim McDowell, of Danville, Kentucky. On Christmas day, 1809, ridiculed by his profession, threatened by the superstition and opposition of his neighbors (but protected by the husband of his patient, Mrs. Jane Crawford), Dr. McDowell defied the bigoted crowd which prepared to hang him on his own lawn, and performed the first major operation on any human being in the world, thus paving the way for the advances of modern medical science.

j-h-c 11 minutes \$1.25

ONE MATCH CAN DO IT (BFS)

The latest scientific methods of sighting, locating, and reporting mountain fires with special instruments are depicted. Various types of apparatus used in combating fires of this nature are shown in action.

Flood, the aftermath of fire through destruction of the watershed, claims its due, and a number of flood scenes illustrate this part of the picture.

Beginning with typical instances of carelessness resulting in forest fires, this film shows fire fighting methods used on a fire in a Southern California canyon, and the devastation the fire leaves behind.

j-h-a 10 minutes \$1.25

ONE, TWO, THREE, GO!

(TFC, Restricted to Classroom Use)

Demonstrates the safe way of crossing a street. Members of the familiar "Our Gang" are leading characters in this safety education picture made at the request of and with the cooperation of a group of national safety organizations.

p-i 11 minutes \$1.25



Family Circles

Demonstrates how wholehearted cooperation between the school and home, and an equal division of responsibility will go a long way toward providing the kind of emotional and physical climate in which a child can grow to successful maturity. Challenges parents and teachers with the necessity for mutual understanding in which each supports and encourages the work of the other.

ONE WAY TO BUILD A FLAT (UC)

Demonstrates an approved method for constructing a stage flat. Starting with a working drawing, the frame for a twelve foot flat is assembled from 1 x 3 inch lumber. Measurement and cutting rails, stilcs, and toggles is shown, as well as application of corner blocks and Keystones, corner braces, and tacking and gluing the muslin covering.

The steps are reviewed at the end of the film.

h-c-a 10 minutes \$1.25

ONE WORLD OR NONE (FPI)

A graphically vivid summary of the development of atomic energy and the atom bomb, stressing the need for world control by the United Nations.

h-c 9 minutes \$1.25

OPAQUE PROJECTOR, PURPOSE AND USE, THE (ISU)

A number of uses for the opaque projector — pictures in textbooks, maps and graphs, delicate material that it would be hard for the whole class to handle without damage. Also shows correct operation of the opaque projector.

c-a 7 minutes \$1.25

OPERATION AND CARE OF THE BELL AND HOWELL SOUND PROJECTORS (BH)

Shows how to thread and operate Bell and Howell projectors. Also gives information on machine maintenance. Filmsound models 179 and 185 are used throughout the film.

j-h-c-a 21 minutes \$2.00

OPERATION OF A FOREST NURSERY (USDA)

A U. S. Department of Agriculture film showing reforestation measures.

j-h-c 11 minutes Handling charge, \$1.00

OPTICAL POEM

(TFC, Color, Restricted to Classroom Use)

An attempt by Oscar Fischinger to interpret a musical selection in terms of color and geometric figures. While the orchestra plays Liszt's "Second Hungarian Rhapsody," the figures and colors appear on the screen.

i-j-h 8 minutes \$2.25

ORANGE GROWER, THE (EB)

Tells the story of an orange grower and his family raising and harvesting their crop. Budding, pruning, planting, fertilizing, irrigating, controlling insects and temperature; and dependence upon meteorology, communication and transportation are shown.

i-j-h 11 minutes \$1.25

ORCHIDS (UW, Color)

Beautiful color photography brings alive twenty types of orchids and other flora of South and Central America.

i-j-h-c-a 11 minutes \$2.25

OREGON AND ITS NATURAL RESOURCES (USBM, Color)

The scenic grandeur and varied resources of minerals, forests, land, and water are depicted.

j-h-c-a 30 minutes \$4.00

ORGANIZING DISCUSSION GROUPS (EB)

Designed for those who are interested in forming discussion groups but need help in going about it. This film dramatizes various steps to be taken by a discussion group.

c-a 25 minutes \$3.00

ORIENTAL CITY — CANTON, CHINA (UW)

This is the story of a Chinese city in which we study the habits and customs of oriental urban life. Life of people living on sampans of this river port and life in a Cantonese merchant's home are vividly presented. We watch Chinese artisans making handicrafts from ivory and silver. Produce arriving in Canton by boat and cart show the dependence of the city upon the surrounding countryside.

i-j-h 22 minutes \$2.00

ORIGIN OF MATHEMATICS (UW)

Shows various types of mathematical symbols and processes employed by succession of ancient peoples — cave dwellers, Egyptians, Babylonians, Greeks, Romans, Arabs, and Indians.

j-h 10 minutes \$1.25

ORTHOGRAPHIC PROJECTION (McGH)

By a combination of animated diagrams and animated photography of specially prepared models, this film attains three-dimensional effects that simplify the explanation of shape description. (For other titles in this series see According to Plan: Introduction to Engineering Drawing.)

c 18 minutes \$2.00

OSMOSIS (TFC, Restricted to Classroom Use)

An experimental teaching film which attempts to present a section of the standard biology curriculum in a manner suited to the background and attitude of a 15 year old student. When Jimmy finds it difficult to understand the process of osmosis his detective friend explains it to him with the aid of several experiments at the police laboratory.

i-j-h-c 20 minutes \$2.00

OTHELLO (EPC)

A condensed version of Othello. An English cast featuring John Slater, Sebastian Cabot, and Luanne Shaw enact principal scenes from the play.

j-h-c-a 44 minutes \$4.00

OTHER PEOPLE'S PROPERTY (YA)

Three boys who planned a trick to get revenge on a teacher they didn't like find that it has more serious consequences than they had thought it would. Shows the act, and the consequences, but leaves the judging of the act open to class discussion by asking a number of questions at the end of the film. Presents very accurately the psychology of junior high school-age boys.

i-j 9 minutes \$1.25

OUR ANIMAL NEIGHBORS (C)

Many small mammals make their homes near ours. Unless their habits are known, they are seen only by accident. In this film ten common species are shown—cottontail rabbit, gray squirrel, fox squirrel, chipmunk, gopher (thirteen-lined ground squirrel), deer mice, meadow mice, shrew, mole and bat.

p-i 11 minutes \$1.25

OUR BASIC CIVIL RIGHTS (C)

Civil rights are preserved by our citizens and defined by our courts. Presents basic concepts of civil rights and directs the class toward a detailed study of our liberties which are fundamental to our society and defined in law. We recommend the film to general study groups as well as to school classes.

j-h-c-a 14 minutes \$2.00

OUR BILL OF RIGHTS (ACFC)

The formation and adoption of the first ten amendments of the Bill of Rights, to the Constitution are recreated. The influence of James Madison is clearly shown. Madison, George Washington, Benjamin Franklin, John Randolph, Alexander Hamilton, and John Jay make this historic subject very real. Producers of this film state that all facts are authentic and that the dialogue is based upon correspondence of the characters portrayed.

j-h 20 minutes \$2.00

OUR COMMON FUELS (C)

For general science courses this film is designed to show what fuel is, and to indicate the sources and uses of our common fuels under two groupings: natural fuels and manufactured fuels.

i-j 11 minutes \$1.25

OUR COMMUNITY (EB, Color)

Illustrates important community institutions and their services by portraying a day in the life of a ten-

year-old boy. Depicts such services as police and fire protection, health safeguards, and parks and recreational facilities. Points out ways in which the members of a community serve each other, and emphasizes that membership in a community is a responsibility as well as a privilege.

i-j 11 minutes \$2.25

OUR COUNTRY'S FLAG (C, Color)

Provides much information of value and importance to the average youngster, who does not always clearly understand the reasons for respect to the flag or the reasons for the flag itself. Explains the meaning of the flag, its symbolism and why it should be respected. The *Pledge of Allegiance* is told about simply and carefully in terms of everyday activity and rules of respect to the flag are reviewed and clearly explained.

p-i 11 minutes \$2.25

OUR EARTH (EB)

An illuminating introduction to the study of world geography, this film is principally a survey of the physical aspects of our planet as they influence concentrations and activities of people. This broad general objective is accomplished by studying oceans and ocean currents, types of coast lines and harbors, rivers, lakes, valleys, plains, plateaus, and mountains. In every case the climatic and other influences of these physical phenomena are depicted in relation to the human element. Examples from all over the world are included.

i-j-h 11 minutes \$1.25

OUR FEDERAL GOVERNMENT (YA)

An introduction to a study of the United States Government including an explanation of the functions of the three main branches and the system of checks and balances is shown.

j-h 20 minutes \$2.00

OUR FOSTER MOTHER, THE COW (F, Color)

The human race owes a debt of gratitude to its foster mother, the cow. Babies all over the world are dependent on cow's milk for their very lives. This color film includes some factual material regarding farm problems: housing, feeding, breeding, selling cattle, calf care, milking, etc.

p-i 11 minutes \$2.50

OUR INHERITANCE FROM HISTORIC GREECE (C)

The cultural inheritances from ancient Greece in language, thought, architecture, sculpture, drama, and mathematics are linked directly with their context in modern American life.

i-j-h-c-a 10 minutes \$1.25

OUR INHERITANCE FROM THE PAST (C)

How much of our modern civilization is a product of the past? In this film, the contributions of the past to our modern life are presented resulting in a better understanding and appreciation of historic advances. By studying past civilizations and their accomplishments, the fact that our modern world is actually a product of the past is made dramatically clear.

j-h-c-a 11 minutes \$1.25

OUR LIVING CONSTITUTION (C)

Shows how the basis of our government changes and grows to meet the needs of the times while holding to the principles of thought we hold dear. The picture depicts the Constitution operating in problems which are close to us to guarantee our rights and freedoms and protect the interests of the people as a whole.

i-j-h-c 11 minutes \$1.25

OUR LIVING DECLARATION OF INDEPENDENCE (C)

Freedom, rights, obligations, the pursuit of happiness—meanings of these terms are explored as this timely film develops its theme that the Declaration is not a dead historical document, but a vital force and guide of living today. Illustrations from the lives of an immigrant and his children give present-day meaning to the principles of the Declaration.

i-j 16 minutes \$2.00

OUR SHRINKING WORLD (YA)

An overview of the development of transportation and communication is depicted in this film. It stresses the gradual bringing together of all the peoples of the world and the effect of this new neighborliness upon our everyday existence and explains the factors which have stimulated this progress.

j-h 10 minutes \$1.25

OUR STAND IN KOREA (UW)

Beginning with the assault upon the Republic of Korea on June 24, 1950 by North Korean forces, this film presents a chronological report of events in the Korean crisis to July 8, 1950. In the closing scene President Truman states that the cost of freedom is high, but we are determined to preserve our freedom—no matter what the cost.

j-h-c-a 20 minutes \$2.00

OUR TEACHER (C)

Illustrates that a teacher is both friend and helpmate to the pupil, that it is his job to explain, demonstrate, and impart knowledge to all the children in their classrooms. Points out how the children can best show their appreciation by a more cooperative attitude

toward their instructor. Emphasis is placed on the pupils' self-reliance, alertness, friendliness and helpfulness, not only to their teacher, but to their classmates as well.

p 10 minutes \$1.25

OUR TEETH (KB)

A comprehensive film treatise on the growth and structure of our teeth, placing particular emphasis on their organic vitality. Besides furnishing complete factual information about our teeth it gives reasons rather than methods for oral hygiene. It is excellent for physiology, hygiene and general health study.

i-j-h 11 minutes \$1.25

OUR TOWN IS OUR CLASSROOM (UW)

Shows the teaching of pupils in school about the government of their town. Instead of learning from books, they sit in on the town's council meetings, court, and meetings between citizens and officials.

j-h-c-a 21 minutes \$2.00

OUR TOWN IS THE WORLD (SF)

The story of friction between two groups in an average Canadian town reproduces, in miniature, the problems of national ill-will and rivalry facing the United Nations and illustrates the necessity for tolerance between individuals and countries.

"A general interest film. Particularly suited to Boy Scout, Girl Guide, C.G.I.T. and other teen-ager groups and to adult groups interested in furthering international and intercultural co-operation."

j-h-c-a 11 minutes \$1.25

OUT OF THE DARKNESS

(TFC, Restricted to Classroom Use)

The story of the poorly printed, uncensored secret weekly newspaper, "Libre Belgique," in 1914, which whipped up the hostility of the people toward the German rule, is related in this film.

j-c 10 minutes \$1.25

OUT OF THE FRYING PAN INTO THE FIRING LINE (OWI, Color)

Through the use of two nationally known characters—Minnie Mouse and Pluto—this Disney film shows the wartime need for fats and greases and the steps to be taken by every housewife in salvaging these materials of war. As Minnie offers Pluto "some hot delicious grease," a radio voice breaks in saying, "Don't throw away that bacon grease." Pluto pouts but when the radio announcer explains that fats make glycerine and glycerine makes explosives, Pluto becomes convinced. Saluting a picture of Mickey in uniform, Pluto disdainfully refuses the bacon grease and follows the announcer's directions for straining, storing, and saving

fats. Carrying a pound of grease to the meat dealer, Pluto collects his money in wieners and marches proudly down the street.

general 3 minutes Handling charge, \$1.00

OUT OF THE HEART (USI, Color)

The heart-warming story of a boy and his dog is told in this color motion picture. Kindness, loyalty, patience, teamwork and other desirable character traits are often strengthened in humans by association with animals, and this is the observation that audiences will make from this picture. Rags, canine hero of the film, turns the tables on Billy, the human half of the featured cast, by teaching his master many important secrets of life, while Billy thinks he is teaching Rags.

i-j 11 minutes Handling charge, \$1.00

OUTBREAK (USDA, Color)

Presents the gripping story of foot and mouth disease, the centuries-old plague of cloven-hoofed animals. Documents disease from its earliest history to the outbreaks in the U.S. and the recent Mexican outbreak.

h-c 33 minutes \$3.00

OVER-DEPENDENCY (NFBC)

Gives an informal case history of a "normal" neurotic—a young married man suffering from hypochondriacal tendencies. From discussions with a doctor, Jimmy is able to recognize a pattern of over-dependent behavior based upon his relationships with his mother, his sisters, and later his wife. He learns to regard these over-dependent tendencies as danger signals in his daily adult behavior, and at the end of the film we see him on the way to becoming a more independent and mature person. See also: Emotional Health, Feeling of Rejection, Feeling of Hostility.

c 32 minutes \$3.00

OVER THE RAINBOW (S)

This film, in a dramatic, interesting way shows farmers how to plan farms and farm homes for happier, more prosperous futures.

a 35 minutes Handling charge, \$1.00

OVERCOMING FEAR (C)

Shows the values of courage in meeting problems in everyday living. Courage is presented as an attitude which can be developed and cowardice is shown to be a characteristic that is specific; i.e., a response in reference to one specific type of situation. How overcoming a specific fear can make a better all-around person is the lesson found here.

j-h-c-a 14 minutes \$2.00

OVERCOMING WORRY (C)

We see the devastating effects of needless worry and then watch how this prevalent affliction is overcome. Will help audiences of all ages to examine their own worries more objectively and help them understand how to attack their problems effectively.

j-h-c-a 11 minutes \$1.25

OVERTURE TO LA TRAVIATA (Castle)

An exciting mood of Verdi; the orchestra gives us the wistful sadness of La Traviata. Also shown is a fine ballet interpretation of one of Chopin's lively piano rhythms.

j-h-c 10 minutes \$1.25

OXFORD STUDENT (McGH, Color)

The historic past, traditions, colleges, and life today at Oxford University. The small classes, tutorial supervision, and reliance on individual initiative are seen. Informal student activities are also shown.

h-c-a 12 minutes \$3.00

OXIDATION AND REDUCTION (EB)

The simultaneous process of oxidation and reduction is presented first by burning phosphorus and rusting iron under experimental conditions. Mercury rust is then decomposed to discover the component of air responsible for oxidation. Other examples of oxidation and oxidizing agents follow. The process of reduction is strikingly presented in the operation of the blast furnace, magnesium burning in dry ice, and thermite welding. Everyday examples of oxidation and reduction conclude the picture.

j-h-c 11 minutes \$1.25

OXY-ACETYLENE FLAME—MASTER OF METALS (USBM, Color)

Tells the story of oxy-acetylene welding and cutting, from the making of calcium carbide out of limestone and coke and the extraction of oxygen from the air, to the multitudinous uses in twentieth century industry. Besides explaining by animation how oxygen and acetylene are blended in the welding torch, and how an additional stream of pure oxygen is added in the cutting torch, the film demonstrates the speed of oxy-acetylene in each of its jobs. Capabilities of oxy-acetylene with various difficult jobs are demonstrated.

h-c-a 22 minutes Handling charge, \$1.00

OXYGEN (C)

For introductory chemistry this surveys the properties and characteristics of oxygen and some of its more important compounds. The film assists pupils in acquiring knowledge of the preparation, properties, and uses of oxygen, and of its significance to man.

j-h 11 minutes \$1.25

OYSTERS AND MUSCLES (Castle)

Abbott and Costello in one of their famous routines with a bowl of oyster stew.

general 10 minutes \$1.25

PACIFIC COAST, THE (FF)

Offered in this film are glimpses into such Pacific Coast industries as shipbuilding, aircraft production, lumber, oil, steel, synthetic rubber—and the climate and scenic beauty which have been credited with attracting an annual 500 million dollars worth of tourist trade to California alone.

j-h-c 18 minutes \$2.00

PACIFIC: DISCOVERY AND EXPLORATION

(EB, Color)

Portrays and explains by means of technicolor animation the role played by the Pacific Ocean in international affairs. Shows growth of man's knowledge of the Pacific through the voyages of the early explorers and later expansion of settlement in this area. Traces the settlement of Pacific island and coastal areas by British, Russians, Germans, French, Dutch, and Americans and discusses the establishment of political control by these nations. Concludes with a review of the defeat of Japan's efforts to control the Pacific.

j-h-a 11 minutes \$2.25

PACIFIC PROVINCES OF CANADA (EB)

Orients Pacific Canada with the remainder of the Dominion and the United States. It traces routes of discovery and exploration. Portrayed also is the settlement of the region, with emphasis on part played by climate and by transcontinental and ocean transportation. There are other sequences on fishing, lumbering, agriculture, mining, and smelting.

i-j-h 11 minutes \$1.25

PACIFIC TERMINAL (ANIB)

A travelog of the southeastern province of New South Wales, featuring the capital city of Sydney.

j-h-c-a 10 minutes \$1.25

PACIFIC 231 (YA)

A symphony by Arthur Honegger, having as its theme a run by a French train, is interpreted visually on the screen as we go with the train through the French countryside. Magnificent blending of rushing drivers, spinning wheels, speeding ties, and rails. The film won the international cutting prize at Cannes in 1949.

general 10 minutes \$1.25

PADEREWSKI CONCERT (3 parts) (OF)

Ignace Paderewski is presented as in concerts, with shots of an audience registering admiration and appre-

ciation. Includes closeups of the pianist's face and hands.

In reel 1 Chopin's "Polonaise"; Reel 2, Beethoven's "Moonlight Sonata" and Paderewski's "Minuet in G"; Reel 3, Liszt's "Second Hungarian Rhapsody."

j-h-a 10 minutes each \$1.25 each reel

PAGLIACCI (GAF)

The leading role is played by Henry Hull. The solos are sung in English "off stage" while the actors depict their emotion in pantomime. The libretto was arranged by John Erskine.

j-h-c 10 minutes \$1.25

PAINTER AND THE POINTER (Castle)

Depicts what happens when Andy Panda can't get his dog to sit still while he paints its portrait.

general 8 minutes \$1.25

PAINTING AN ABSTRACTION (EB, Color)

An interesting portrayal of one form of contemporary painting as demonstrated by Eliot O'Hara, nationally known water colorist and art teacher. Provides a graphic step-by-step account of the painting in progress. Discloses the artist's thinking in establishing his purpose and selecting elements from nature to emphasize his purpose. Effectively contrasts the abstract painting of this film with the representational painting of the same scene as featured in the EB Film, *Painting Reflections in Water*.

h-c-a 11 minutes \$2.25

PAINTING AND DECORATING (VGF)

Tools, skills and problems connected with interior and exterior painting and type of surface. Apprenticeship and job opportunities explained.

j-h-c 10 minutes \$1.25

PAINTING: LEARNING TO MIX COLORS (YA, Color)

Demonstrates and explains the three primary colors as the source of the secondary colors and all their intermediate shades.

i-j-h-c-a 6 minutes \$2.25

PAINTING: LEARNING TO USE YOUR BRUSH (YA)

Explains the simple materials required to start painting, and demonstrates the basic brush strokes used. Intended to stimulate and explain painting as a leisure-time activity.

i-h-c-a 10 minutes \$1.25

PAINTING REFLECTIONS IN WATER
(EB, Color)

Portrays watercolor techniques as used by a leading artist as he paints reflections in water. The artist is Eliot O'Hara, well-known water-colorist and art teacher. Photographed as if through the eye of the artist, the film enables students to follow each step closely from the position of the artist himself.

i-j-h-c 11 minutes \$2.25

PAINTING: SOLID FORMS (YA)

Points out that solid objects have three dimensions—height, width and thickness—and then demonstrates how the painter gives roundness or thickness to the solid object he is painting.

i-j-h-c-a 11 minutes \$1.25

PAINTING WITH SAND: NAVAJO CEREMONY
(EB, Color)

A Navajo medicine man makes a beautiful sand painting while a narrator explains the significance of the religious ceremony. A sick little boy is brought in, and the ceremony and prayers to the gods for his cure are performed.

j-h-a 11 minutes \$2.25

PALESTINE (MOT)

Palestine is the story of that rugged country, today undergoing great agricultural and industrial change at the hands of some 570,000 Jews who are determined to mould it into a modern Jewish State. The film reveals not only the progress that has thus far been made toward modernization of the Holy Land, but also the problems to be solved and the obstacles to be surmounted before the Jewish people can achieve their objective.

j-h-c-a 16 minutes \$2.00

PALMOUR STREET—A STUDY OF FAMILY LIFE (HPI)

Events in the daily life of the Negro families living on Palmour Street in Gainesville, Georgia, are shown to illustrate certain basic concepts on mental health as they relate to family life, and some of the basic ways in which parents influence the mental and emotional development of their children.

c-a 27 minutes Handling charge, \$1.00

PAN AMERICAN BAZAAR (OIAA, Color)

A film on the arts and crafts of the southern republics as elaborately displayed in an exhibition at the famous Macy department store in New York.

general 9 minutes Handling charge, \$1.00

PAN AMERICANA (GAF)

Students in classroom write letters in Spanish and listen to radio programs from Cuba as part of good neighbor policy for better economical and cultural relations. Communications are described by following a letter to Mexico, a cablegram to Peru, and a telephone call to Ecuador. Products of these countries are discussed throughout.

h-c 11 minutes \$1.25

PANAMA (RKO)

The story of the realization of a 400-year-old dream of mankind that began with Balboa when he gazed on the Pacific Ocean for the first time and culminated in a reality made possible by modern American engineering genius. This film narrates the interesting history of the Panama Canal and portrays the cosmopolitan atmosphere of modern Panama.

general 17 minutes \$2.00

PANAMA: CROSSROADS OF THE WESTERN WORLD (C)

Panama long has been the crossroads for travel and trade between North and South America, and the Atlantic and Pacific Oceans. This film shows the life and surroundings of the people of this colorful little Republic.

i-j-h-c 11 minutes \$1.25

PANTRY PANIC (Castle)

Woody Woodpecker stays north, instead of going south for the winter—and has an exciting run-in with a hungry cat.

general 8 minutes \$1.25

PAPER (EB)

The interesting story of modern paper making, from the forest to finished sheets, are shown at a child's level of interest and understanding.

p-i 11 minutes \$1.25

PAPER MAKING (C)

Starting with winter logging operations, logs are followed through conversion into pulp and paper.

i-j-h 20 minutes \$2.00

PARAGUAY (OIAA)

Film view of this hardy, independent people, their quebracho and mate industries and side lights on Indian influence.

j-h-c 20 minutes \$2.00

PARAMECIUM (UW)

Excellent microphotography shows the growth, activity, and reproduction of the paramecium. Animation

aids the presentation. The action of the cilia is shown, as well as rotation of the paramecium as it swims, action of the vacuoles, and conjugation.

j-h 10 minutes \$1.25

PARICUTIN VOLCANO (PF)

Locates San Juan and Paricutin, in Mexico, and relates the story of the earthquake which caused a new volcano to erupt. Explains the reasons for the eruption diagrammatically on cross-sectional charts of the earth's surface; then shows the effect of the lava eruption on the people and the town.

j-h-c 23 minutes \$2.00

PARIS: CITY OF ART (SM)

Presents scenes inside the Louvre with its famous paintings and sculptures; views of Montmartre artists at work; and representative buildings and architecture such as Sacre Coeur, Notre Dame and the Pantheon.

j-h-c-a 11 minutes \$1.25

PARIS 1900 (BRF)

A rare and unusual film, made up mainly of newsreel shots, combined with an outstanding commentary by Monty Wooley, make this a magnificent documentary. All the great and near great personalities of the world at the turn of the Century are shown, set against the background of the gay, fabulous Paris of the era between 1900 and World War I.

general 76 minutes \$7.00

PARKING THE CAR (FMC)

Part of Driver Education series. Intended primarily for use in high school driver education courses to supplement classroom study and on-the-road training. Other titles are: Driving on the Highway; Driving in the City; Driving Under Adverse Conditions; Driving at Night; Care of the Car.

h 10 minutes \$1.25

PARLIAMENTARY PROCEDURES (C)

Dropping in on a session of a well run high school club, we observe the proper procedures for seconding motions, amending motions, calling for a division of the house, rising to a point of order, tabling a motion, and all other commonly used parliamentary forms. We see parliamentary procedure, based on the democratic principle, upholding that principle in an orderly assembly.

i-j-h-c-a 14 minutes \$2.00

PARTIES ARE FUN (C)

Among students of the lower grades, parties often are social trials. Offers guidance in accepted standards for party behavior. Shows that parties can be fun and it gives an understanding of the work involved in

planning and preparing for a party. Its outstanding classroom value comes as a basis for discussion and other language activities about parties.

p-i 11 minutes \$1.25

PARTS OF NINE (YA)

Develops the meaning of the number 9 through experience situations and the use of concrete material involved in preparing for a birthday party.

p 11 minutes \$1.25

PARTS OF THINGS (YA)

Develops the meanings of one-half and one-fourth of single things, as introduction to concept of fractions. Abstract objects are carefully explained in relation to real things.

p 11 minutes \$1.25

PARTY LINES (A.T.&T., Color)

How lack of cooperation can disturb community serenity, and what can be accomplished by giving the other person a chance. Attention is centered amusingly on the common abuse of the party line telephone, with a follow-up demonstration of a more satisfactory way to get good service.

j-h-a 15 minutes \$3.00

Documentaries

THE CITY

STORY OF A CITY

GOLDEN TWENTIES

MAN IN THE TWENTIETH CENTURY

THE RIVER

HAUSA VILLAGE

MORNING STAR



PASSENGER TRAIN (EB)

Interprets a journey on a modern, streamlined, Diesel-electric-powered passenger train from a large city through a picturesque countryside. The duties of the ticket seller, gateman, baggageman, conductor, engineer, motor attendant, mail clerk, dining car cook, waiter, and pullman porter are depicted and commented upon. Right-of-way problems including tunnels and bridges are portrayed. Attention also is given to factors of comfort, safety, and efficiency in the train's operation.

p-i-j-h 11 minutes \$1.25

PASSPORT TO NOWHERE (RKO)

Deals with the displaced persons problem. It is one of the RKO-Pathe This is America series.

general 20 minutes \$2.00

PATHS TO PALESTINE (AFC)

Scenes of the land and people of Palestine. The birthplace of the world's great religions provides sights of beauty for the viewer.

general 10 minutes \$1.25

PATTERN FOR PEACE — CHARTER OF THE UNITED NATIONS (BIS)

Designed to bring about an understanding of the structure and purposes of the United Nations Organization. Careful analysis is made of the work of the General Assembly, the Security Council, and the various commissions designed to assist in the task of forging world peace.

j-h-e-a 15 minutes \$2.00

PATTERN FOR SURVIVAL (COF)

Describes the effective ways in which planned defense, aimed at individuals and groups, can counteract fear and panic in a community. A reporter and a narrator tell what can be done to minimize the effects of atomic attack.

c-a 20 minutes \$2.00

PATTERNS OF AMERICAN RURAL ART (USDA, Color)

Photographed in beautiful natural color, this film portrays the varied types of handicraft and art work produced throughout rural America. The weaving and other crafts of pioneer days still to be found in some of our mountain areas are featured.

i-j-h-e 11 minutes \$2.25

PATTY LEARNS TO STOP, LOOK AND LISTEN (F, Color)

Shows the true happenings of the actual recovery of Patty Garman who in real life ran out on a crowded highway and was hit by a car.

Stresses child hospitalization and care, rather than safety, as it does not show whether the accident was Patty's fault or whether it was due to careless driving.

p-i-j 18 minutes \$3.00

PAUL BUNYAN AND THE BLUE OX (C, Color)

A puppet film recreating the legend of how Paul Bunyan found "Babe, the Blue Ox," and put her to work.

p 6 minutes \$2.25

PAWNSHOP, THE (BRF)

Deals with Charlie Chaplin's encounters with another clerk, his waiting on some strange customers and his foiling of a robbery. It is the little incidents which make the picture so extraordinary.

general 22 minutes \$2.00

PEACE COMES TO AMERICA (OWI)

It's the end of the shooting war, but there are soldiers to be brought home, others to be healed, still others to be assisted with GI loans and educational aid.

general 10 minutes \$1.25

PEARL HARBOR AND NORMANDIE (Castle)

With ships burning and exploding, this is an authentic movie record of the attack that led to America's entry into the war. Destruction of the liner Normandie by fire is also shown.

11 minutes \$1.25

PEIPING FAMILY (BFS)

Presents the simple narrative of a middle class Chinese family — Dr. C. F. Wu, Mrs. Wu, their son, their daughters, Dr. Wu's parents and the family maid. Shows the struggle of an American-educated Chinese to provide for his large family. Observes the purchase and preparation of food and a family luncheon, the children at play and at school. Shows how through education China can realize her potentialities as a great nation.

h-a 21 minutes \$2.00

PENNY WISDOM

(TFC, Color, Restricted to Classroom Use)

Prudence Penny brings order out of culinary chaos created by a nervous wife whose husband brings an unexpected guest home to dinner.

j-h 9 minutes \$2.25

PEOPLE ALONG THE MISSISSIPPI (EB)

The region thru which the Mississippi River flows and the people who live there. Points up the physical geography of the region, portrays the work of the

people living there, and emphasizes the heritages that these people brought to America from their former homelands.

j-h-c-a 22 minutes \$2.00

PEOPLE DANCE (NFBC)

Shows how different kinds of dancing are related to the varied social and economic backgrounds of the Canadian people. The slow tempo of the Indian religious dance, the pioneer's quadrille, old world folk dances, and modern jive are presented. The film finds significance in the dance as an emotional outlet common to all, but differing in form according to the origin or occupation of each group.

j-h-a 10 minutes \$1.25

PEOPLE OF CHILE (HFE)

Gives an overall concept of Chile in terms of her present-day people, the farmers and city workers, their social and home lives. It provides an excellent summary of the history of Chile's people, and shows the geographical peculiarities of this country which cause such extremes in wealth and poverty.

j-h-c 22 minutes \$2.00

PEOPLE OF HAWAII (EB)

Describes the setting of the Hawaiian Islands and provides an insight into the native economy. The dependence of the natives upon the sea and their immediate land environment for food; home and school life; sports and craftsmanship; and the preparation of a native feast make up the major sequences. Glimpses of mass production and harvesting of sugar cane and pineapples are also shown. A rendition of "Aloha" accompanies the concluding scene.

p-i-j-h 10 minutes \$1.25

PEOPLE OF MEXICO (EB)

This picture presents a living account of the origin and development of the Mexican people, with emphasis on their dependence upon the land. It portrays the setting of a feast day in a small village, including ceremonies, dances, songs, and music.

i-j-h 11 minutes \$1.25

PEOPLE OF PERU (HFE)

Gives a comprehensive idea of what Peru is like today. It shows how advanced, and yet how primitive, the people of a single country can be, and how much their manner of living depends upon the geography of their country.

j-h-c 11 minutes \$1.25

PEOPLE OF SABA (C)

Natives of Saba, Netherlands West Indies, live on an extinct volcano with few outside world contacts.

general 10 minutes \$1.25

PEOPLE OF THE ARCTIC (KB)

The geography, the resources, the people and their manner of life in far northern Alaska, Labrador, Greenland and northeastern Siberia are shown. The film covers the whole circle of the Arctic Ocean.

i-j-h 11 minutes \$1.25

PEOPLE OF THE CONGO (EB)

A study of the Mangbetu peoples living in tropical forest region of Africa. Emphasis on cleanliness in well-built, immaculate homes. Careful preparation of cooked meal, using fish, bananas, manioc root, sugar cane; clay cooking utensils made by hand. Head binding, native arts and crafts, sketching, design, wood carving, and construction of native musical instrument.

i-j-h-c 11 minutes \$1.25

PEOPLE OF WESTERN CHINA (EB)

Reveals the influence of habits and customs of past centuries in the scene of present-day China. Methods of agriculture, irrigation, and the culture and wide use of bamboo are shown. Representative arts and crafts, methods of transportation, and engineering skills are depicted in their traditional settings and contrasted with modern technological developments.

i-j-h-e 10 minutes \$1.25

PEOPLE'S CHARTER (FON)

Stresses relationship of the United Nations to the people of the world. Shows the part they played in shaping the organization, and points out clearly the part the people of every country must play to make sure that its great purpose of world peace and security is achieved.

j-h-c 17 minutes \$2.00

PEOPLES OF THE SOVIET UNION (IFB)

This film, photographed by American cameramen, pictures the many racial groups which make up the Soviet Union. It begins with the people of Moscow and Leningrad and then, in quick succession, there follows pictures of the Karelians, the Armenians, the Georgians, the Tartars, the Buryat-Mongolians, the Jews, the Ukrainians, the Uzbeks, and others among the 100 different nationalities included in the 190,000,000 people comprising the Soviet Republics. We come to know these people of many races and how they fit into the pattern of life in the Soviet Union.

general 44 minutes \$4.00

PERCENT IN EVERYDAY LIFE (C)

Students learn how useful a working knowledge of percent can be to them. As they follow Bob's problems in figuring commissions, taxes, interest, and discount with general, rate, and base formulas, students at the

intermediate and junior high levels will derive a new realization of the importance of percent.

i-j 10 minutes \$1.25

PERCENTAGE (JHP)

Gives in animation the definition of percentage. Treats percentage as a special form of fractions and emphasizes its relationship to decimal and common fractions. Gives examples of two different types of problems.

i-j-h 11 minutes \$1.25

PERCUSSION GROUP (EB)

The objective of this film is to familiarize pupils with all the commonly used percussion instruments. Thirteen are demonstrated: tympani, tom-tom, snare drum, bass drum, tambourine, cymbals, chimes, gong, castanets, triangle, bells, xylophone, and celesta. Demonstration literature includes excerpts from Tschai-kowsky's "Nutcracker Suite," his "Fourth Symphony" and his "Marche Slav," Wagner's "Die Walküre," his "Tannhauser Overture," and Schubert's "Marche Militaire Number One." Full orchestral accompaniment is given each percussion demonstration.

i-j-h-c 11 minutes \$1.25

PERFECT TRIBUTE

(TFC, Restricted to Classroom Use)

A dramatization based on "The Perfect Tribute," a story by Mary Shipman Andrews.

We see Lincoln in a railroad coach, bringing him to Gettysburg for the dedication of the battlefield there. His simplicity and sense of humor are evident in several scenes with Stanton, who is traveling with him. He finally borrows a piece of wrapping paper to prepare his address. Across the aisle from him sits Edward Everett who is busy preparing an address to be delivered on the same occasion.

The next day, disappointed at the reception his address received, Lincoln goes for a walk, meets a small boy who is hurrying to get a lawyer for his brother, a wounded Confederate soldier lying in a near-by hospital. Lincoln offers to serve. The soldier, because of his bandages, cannot see Lincoln and talks to him about the president's Gettysburg address. Finally he asks him to read it to him from the daily paper. Lincoln recites it to him and the soldier is deeply moved. The small boy by now has recognized the president, who is happy over the soldier's opinion, acknowledging it as the "perfect tribute."

The presentation is vivid and effective. It clearly reveals the spirit of Lincoln and his attitude toward the South.

i-j-h 20 minutes \$2.00

PERISHABLE RUSH (OWI)

Dramatic film appeal made by Army Air Forces for good care provided our war wounded.

general 20 minutes \$2.00

PERMANENT SOIL IMPROVEMENT (UI, Color)

The film, from the Permanent Soil Improvement Institute of the University of Illinois, shows how soils that have had their phosphate content depleted are poor soils. It discusses the need for phosphate in soils, and in the discussion, carries the viewer to the rock phosphate mines of Tennessee. There, it is seen how phosphate is mined, processed, and distributed to farmers throughout the country. The result of phosphate use on the Illinois soil experimental fields is shown in addition to how quality of corn and legumes is affected. Treated land in Iowa and Missouri is also presented.

c 10 minutes \$2.25

PERSONAL HEALTH FOR GIRLS (C)

An attractive high school girl shows the daily cleanliness habits she follows—taking a morning shower, caring for her complexion and fingernails, brushing her teeth, washing her hair, wearing clean clothes, putting make-up on correctly, exercising in games, and eating a balanced diet. Designed only for girls.

j-h-c 11 minutes \$1.25

PERSONAL HYGIENE FOR BOYS (C)

A high school boy learns hygiene habits necessary for good health and good social living. The stress of the film is upon cleanliness—how and why—with special emphasis on particular problems of adolescent boys, such as shaving and complexion. Designed only for boys.

j-h-c 11 minutes \$1.25

PERSONAL QUALITIES FOR JOB SUCCESS (C)

By observing job interviews of several high school graduates, the personality requisites for job success are illustrated—such as initiative, good personal appearance, businesslike work habits, willingness to accept criticism, and the ability to get along with people.

h 11 minutes \$1.25

PERSPECTIVE DRAWING (UC)

Using a cube as a basic form, the film describes individually the one-point, two-point, and three-point perspective techniques.

j-h-c-a 8 minutes \$1.25

PERU (EB)

Following a treatment of Lima, the modern capital, attention is focused on the ruins of pre-conquest civilizations. Present-day descendants of once-proud Indian peoples are then seen in their comparatively untouched village life, with its primitive agricultural methods, its handicrafts, and pastoral simplicity. The varied activities of a single family group receive the major emphasis throughout.

j-h-c 11 minutes \$1.25

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PERU (OIAA)

Produced by Julien Bryan; a study of the modern social and economic life of Peru. The attempt to meet some of the current problems of health, poverty, relations between races, and improvement of national economic conditions is shown.

j-h-c 20 minutes \$2.00

PERUVIAN PLATEAU (HFE)

Reveals the interdependence of manufacturing and transportation, using as illustration, Peru, where this fact is reduced to its fundamentals. In addition, the film teaches a great deal of the geography of Peru and the social progress of its people.

j-h-c 11 minutes \$1.25

PETE THE LAZY PELICAN (COFC)

Pete did not want to go out fishing in the natural pelican way. That was hard work and it meant flying out to sea and diving for fish. He preferred to depend on the handouts from the friendly people on the dock. However he learns his lesson when he almost chokes on a fish that is too big for him. We learn from Pete that even pelicans must work for a living and eat the right food. When they don't, trouble befalls them.

p-i-j 10 minutes \$1.25

PETER COTTONTAIL (Castle)

The song and cartoon of how Peter Cottontail always outsmarted the big bad wolf to keep the inhabitants of Rabbittown safe.

general 4 minutes \$1.25

PETER IBBETSON

(TFC, Restricted to Classroom Use)

A school version of Paramount's feature picture of the same name.

j-h-c 40 minutes \$4.00

PETROLEUM (EB)

Shows importance of petroleum to world technology, commerce and international affairs.

j-h-c 11 minutes \$1.25

PETROLEUM AND ITS USES (USBM)

How petroleum products are used in the daily life of an average American family is shown in this film. Dozens of commercial uses of petroleum products, including the production of paraffin, dipping candles, coating paper bottles, insect sprays, fruit ripening with ethylene, medicine and cleaning fluid are all depicted in this film. Other scenes describe petroleum's role in such essentials as printing ink, airplane and automobile fuels, lubricants, Diesel oils, and plastics.

j-h 42 minutes Handling charge, \$1.00

PHANTOMS INC.

(TFC, Restricted to Classroom Use)

Part of the "Crime Does Not Pay" series, exposes fake spiritualists and mediums. Gives a warning against confidence men, shows an example of how they work and the ruthlessness of their operations.

general 18 minutes \$2.00

PHARMACIST (VGF)

Tells the work of the professional pharmacist, his work with drugs and chemicals which go into the compounding of medicines.

h-c 11 minutes \$1.25

PHILIPPINE REPUBLIC (MOT)

The film shows how, for 47 years following the Spanish-American war, the 7,083 islands comprising the Philippine archipelago were heavily dependent upon the U. S. for their economic life and health. Pictured comprehensively are the educational system and political composition of the islands. Especially significant is March of Time's sequence on the valiant role played by the Philippine people in the recent war—a sequence which underscores the character of the Filipino and explains why, for over three centuries, Filipinos have had a consuming ambition to govern themselves.

general 16 minutes \$2.00

PHOTO FRENZY (RKO)

A photo report on America's number one hobby, its 20,000,000 screwball fans and the billion dollar business they've built.

general 18 minutes \$2.00

PHOTOGRAPHER, THE (UW)

Life and work of Edward Weston and the cultural and artistic values of photography; subject selection, composition, and developing. Views of geographic features of California are also shown.

h-c-a 30 minutes \$3.00

PHOTOGRAPHY (VGF)

Unusual shots made by news cameramen. Also shown are effects of varied exposure, tricks, angles, etc., to make an interesting film.

general 10 minutes \$1.25

PHOTOGRAPHY FIGHTS (OWI)

How photography helped to win the war. Under enemy action, photographic crews are seen at work getting and scanning pictures to search for signs of enemy emplacements and evidence of his movements.

h-c 13 minutes \$2.00

PHOTOSYNTHESIS (UW)

Shows carbon dioxide entering plant structure of a leaf and its conversion in chloroplasts to oxygen, which is eliminated. Carbon is built up into glucose with water from roots. The necessity for chlorophyll is shown and the process of glucose being changed to starch is illustrated.

j-h-c 14 minutes \$2.00

PHYSICS DEMONSTRATIONS — SET 1 (McGH)

Leslie's Cube: Heat radiation of various substances.

Tyndall's Apparatus: Heat capacity of various substances.

Waves in a String: Relation of harmonies to string motion.

Electroscope, The: Detection of electric charges.

Electrolysis: Conduction of electricity through a liquid.

j-h Five reels 5 minutes each
Each reel \$1.25

PICTURE IN YOUR MIND (IFF, Color)

This film, made by the producers of *Boundary Lines*, employs similar techniques. Animated drawings are accompanied by well-synchronized music to express the idea that the picture in your mind determines action. The question posed is, how can we live together on our congested earth? Man in his distant past encountered hunger, loneliness and danger and, when the tribes scattered, rites developed about the rhythm of work and play, cultural patterns were established, and differences began. Primal impulses not yet dead still modify the picture in one's mind and express themselves in action. The film states that the sum of all our actions will determine the future and that we have a choice as to whether that future is to be one of darkness or of light.

h-c-a 16 minutes \$3.00

PICTURESQUE DENMARK (FON, Color)

A comprehensive tour of Denmark with information regarding her geography, history, landmarks, government, and people.

j-h-a 20 minutes \$3.00

PICTURESQUE POLAND (EFLA)

Is an introduction to Poland, showing brief scenes of the nation at war, then turning to pre-conquest Poland as found in its peaceful countryside, in views of its people, streets, and buildings in busy, varied Warsaw and ancient Krakow. It turns then to the nearby monastery and its gardens, and finally to the rugged Carpathian mountains in the South, where folk customs, dancing and trades were still maintained.

j-h-c 10 minutes \$1.25

PIG AND ITS RELATIVES (C)

Our well-known domestic pig has some odd, unexpected relatives: babirusa, wart hog, pigmy and large hippopotamus and the elephant.

p-i 10 minutes \$1.25

PIG PROJECTS MAKE PROFITS (UDA, Color)

Is a story of pig club activities and the activities of young men in this phase of their life in agriculture. It is designed primarily for FFA and 4-H Club audiences. It is filmed in Kodachrome.

j-h 11 minutes \$2.25

PIG TALES (F)

Gives an over-all view of a pig farm. Covers items of diet, ringing, fencing, vaccination, stockyard marketing, stock shows, and "pig personality."

i-j 11 minutes \$1.25

PIGS AND ELEPHANTS (C)

An excellent film to introduce foreign animals to the pupil through biological relationship between familiar domestic animals and the animals of other lands—the babirusa of the East Indies, the wart hog of Africa, and pigmy hippopotamus.

p-i 11 minutes \$1.25

PIGSKIN CHAMPIONS

(TFC, Restricted to Classroom Use)

The Green Bay Packers, professional football champions, demonstrate football techniques. Slow-motion photography is used extensively.

After setting-up exercises under the direction of Coach Lambeau, there is a sequence on kicking, during which a group of six punters simultaneously kick balls more than 60 yards into a prescribed area. A similar demonstration shows four men place kicking balls 50 yards. Slow-motion shots of routine plays including the forward pass, off-tackle play, place kick, double spinner, block kick, hidden ball play, a short pass, and a short, lateral pass are shown.

j-h-c 10 minutes \$1.25

PILGRIM DAYS

(TFC, Restricted to Classroom Use)

Shots of historic monuments, buildings, and museum exhibits related to American Colonial history are here shown. The greater part of the picture is devoted to Plymouth, Jamestown, New York, and Baltimore.

i-j 11 minutes \$1.25

PILGRIM FOREST (DL)

Shows the extensive state park systems in New England. Many of the scenic spots and the famous



art and motion

Art and motion carefully explained in
relation to each other

20 MINUTES RUNNING TIME

\$3.00 PER WEEK

lakes of the states are shown. Included are magnificent views of the Green Mountains in Darling, Savoy, and Ascutney State Parks. The vigorous daily life in CCC Camps is depicted.

j-h-c 22 minutes \$2.00

PILGRIMAGE THROUGH PALESTINE (FCI)

Presents a travelog of certain better-known portions of this historical country, the home of three great religions. Our travel begins with the Port of Haifa and ends in Jerusalem.

i-c 11 minutes \$1.25

PINEAPPLE CULTURE (PHB)

The story of pineapple, from the preparation of the soil to the harvest. Traces the pineapple thru its life cycle, stressing the scientific culture of superior families or clones. Shows the use of highly skilled labor and modern machine methods in every stage.

i-j-h-c-a 11 minutes \$1.25

PINeways TO PROFITS (USDA)

The old custom of burning the woods presents the most serious obstacle to forest management in the southern pine region. This film exposes the fallacy of this custom and shows benefits of good management of southern pine forests.

general 20 minutes \$2.00

PIONEER HOME, A (C)

What was a pioneer really like? How did pioneer people live? What part did children play in the everyday family life? These are some of the questions which are answered in this film. The physical surroundings and home furnishing, the hard work, the simple pleasures—all these facets of a pioneer family's life are presented here for students to see and appreciate.

p-i 10 minutes \$1.25

PIONEERS OF THE PLAINS (EB)

This picture traces the experiences of a pioneer family in journeying from Illinois to a homestead on the midwestern plains. Sequences include: relationship with other settlers and cattlemen, plowing, collecting fuel, and contacts with a circuit-riding minister.

i-j-h 11 minutes \$1.25

PIPELINE (SOC, Color)

Shows how an oil pipeline is built, including welding and wrapping operations, and the function of pumping stations.

j-h-c-a 17 minutes \$3.00

PIRRO AND THE ALARM CLOCK (OF)

Pat Patterson introduces Pirro, the puppet, to the wonders of telling the difference between numbers and what they represent in the way of time. He then explains what makes the alarm go off (and frighten Pirro to "death").

p-i 10 minutes \$1.25

PIRRO AND THE BLACKBOARD (OF)

Pirro learns to draw on the blackboard—and is fascinated by the mystery of erasing. Pat Patterson draws donkey and Pirro plays pinning tail on donkey. Includes a lesson in fair play and good sportsmanship. Pirro draws surprise picture at end.

p-i 11 minutes \$1.25

PIRRO AND THE LAMP (OF)

Pirro, the puppet, learns that you need light to read by—discovers the lamp, Pat Patterson explains electricity and Pirro follows wire from the wall plug to the lamp and learns about switch and light bulb.

p-i 10 minutes \$1.25

PIRRO AND THE MAGNET (OF)

Pirro is pulled to the magnet. First, he's frightened by its mysterious powers—then he learns how it works—and the wonderful magnet becomes a game.

p-i 11 minutes \$1.25

PIRRO AND THE PHONOGRAPH (OF)

The record goes round and round and music comes out here! Pirro's first experience with a phonograph—his own sense of rhythm—and dancing feet.

p-i 10 minutes \$1.25

PIRRO AND THE SCALE (OF)

Pirro can't quite understand what makes the scale work, so Pat Patterson explains about weight and balance. He demonstrates on a seesaw with Pirro on one end and various objects at other.

p-i 10 minutes \$1.25

PIRRO AND THE TELEPHONE (OF)

Pirro learns about the phone book—the telephone—how to dial—telephone conversation—and makes a test call to the operator.

p-i 11 minutes \$1.25

PIRRO AND THE THERMOMETER (OF)

Pirro learns how mercury climbing in tiny stick indicates everything but spring fever.

p-i 11 minutes \$1.25

PITCHING STARS (IISA)

Shows star baseball pitchers in action, showing their form and style of delivery. Many greats are included.

j-h 20 minutes \$2.00

PLACER GOLD (AB)

During the gold rush of '49 only the simplest kinds of tools were used. Shown in this film are the gold pan method, the rocker or cradle method, the long Tom method, and the sluice box method. The narration brings out the importance of placer mining on California's history and the use of certain terms used by the early miners.

i-j-h 11 minutes \$1.25

PLACING THE RIGHT MAN ON THE JOB (USOE)

Several workers who are misfits on the jobs they are doing are reassigned to different jobs resulting in happier workers and increased production.

h-c 11 minutes \$1.25

PLAIN INDEXING AND CUTTING A SPUR GEAR (USOE)

The setup of a milling machine, the use of the dividing head, and the cutting of an eight pitch spur gear with twenty-six teeth is included in this film. Animation is used to explain various parts used and to show their operation.

h-c 26 minutes Handling charge, \$2.50

PLAN FOR STYLE (UUH, Color)

A group of high school girls go to a department store to choose a wardrobe. Tips are given on the proper material and style for each type of girl, pointing out that she must choose clothes suitable for her color and personality. Clothes for different occasions, such as school, travel, sport and formal occasions are shown.

h 11 minutes Handling charge, \$1.00

PLANER AND SHAPER OPERATION (FP)

Explains the construction and operation of the clapper box on straight surfacing, on dovetailing and on under cutting, as in the case of a tee slot. It illustrates the various methods of clamping and holding work, and the principles involved. The proper sequence of operations to machine a rough casting is shown. The practical factors involved in the removal of the skin of a casting are explained.

h-c 10 minutes \$1.25

PLANING ROUGH SURFACES TO DIMENSIONS (UW)

Adjusting the table for desired thickness; how to set feed rolls for proper speed; how to feed with the grain; and how to surface short pieces and glued stock.

h-a 17 minutes \$2.00

PLANNING AND LAYING OUT WORK (USOE)

A number of dramatized incidents point up the importance of careful planning before starting a job. The serious results of poor planning or no planning at all are demonstrated.

h-c 10 minutes \$1.25

PLANNING FOR SUCCESS (C)

Treats the intimate relationship of success to personal adjustment. "How can I succeed?" is the key question—and the answer lies in a well-defined, realistically established goal and effort that is soundly guided. An unusual film for any group interested in emotional and mental health.

j-h-c-a 11 minutes \$1.25

PLANNING YOUR TALK (SPEECH) (YA)

Demonstrates the importance of planning and organizing a talk, and the basic steps in such preparation.

j-h-e-a 11 minutes \$1.25

PLANT GROWTH (EB)

A remarkable presentation of the growth of the pea plant. It shows by time-lapse photography and microphotography the entire story from the time the seed first sends out its root and stalk until the ripened seeds are scattered. The processes of pollination and fertilization are vividly portrayed by means of photography and animation.

j-h-e 11 minutes \$1.25

PLANT ODDITIES (IFB, Color)

Plants that live on air, plants that eat insects, and plants with extra sensitive nervous systems. A sequence of dancing flowers was accomplished by controlling the light, temperature and moisture so that the interrupted growth and unusual motion thus obtained is in rhythm with a Strauss waltz.

i-j-h-e-a 10 minutes \$2.25

PLANT SPEAKS THROUGH DEFICIENCY

SYMPTOMS (API, Color)

Pictures soil depletion, erosion and the result of losses of plant food to crops. It shows the amounts of the three major plant foods removed by peach, tomato, sugar beet, tobacco, and corn crops and deficiency symptoms on many other major field and orchard crops. The tools scientific agriculturists have provided to determine the plant food requirements of crops are explained.

h-c 25 minutes Transportation charges

PLANT SPEAKS THROUGH LEAF ANALYSIS

(API, Color)

Is introduced with scenes of giant redwood forests and the redwood empire in California. This sequence is followed by illustrations of how important leaves are to the production of lumber. A comparison is drawn between this importance and the importance of the leaves of farm crops. The value of plant leaves in crop production is brought out. Methods of analyzing leaves in the laboratory to determine the amount of fertilizer crops require are shown.

h-c 18 minutes Transportation charges

PLANT SPEAKS THROUGH SOIL TESTS

(API, Color)

Why and how our soil resources must be guarded is depicted in this color film. It shows where and how to take soil samples on the farm and pictures the value

of soil tests when interpreted by experienced soil chemists. The actual analysis of soils in various laboratories throughout the country is shown.

h-c 10 minutes Transportation charges

PLANT SPEAKS THROUGH TISSUE TESTS

(API, Color)

Laboratory and field tissue tests are described in this color film. It shows the value of tissue testing and the procedure for testing corn tissues in the field with the Purdue University field test kit. The tests are conducted by Dr. George D. Scarseth and his assistant, Mack Drake.

h-c 14 minutes Transportation charges

PLANT SURVIVAL (UW)

Shows the protective devices used in various stages of plant growth by means of close-ups of roots, seeds, buds, leaves, and flowers. The defenses of flowers and leaves against damage by rain and animal are also seen.

j-h-e-a 10 minutes \$1.25

PLANT TRAPS (EB)

Carnivorous plants have the unusual characteristic of entrapping and digesting insects and other small animals. The film shows how the pitcher plant lures insects to its trap, where they drown. The sun-dew, another carnivorous plant, is shown throughout its life cycle. The enfolding of insects by its leaf tentacles is presented very impressively by means of time-lapse photography.

j-h-c 11 minutes \$1.25

PLANTATION IN PERU (HFE)

Concerns an aspect of Peru not generally known: the raising of sugar in an almost rainless desert, and the life of the plantation owner and worker whose labor gives Peru a valuable agricultural product.

j-h-e 11 minutes \$1.25

PLANTATION SYSTEM IN SOUTHERN LIFE

(C)

To understand social and economic patterns of the present is to see their counterparts of the past. Develops the term "plantation" in the broad sense of a cultural pattern, and shows how that pattern has had a deep and continuous influence on life in the South.

i-j-h-a 11 minutes \$1.25

PLANTERS OF COLONIAL VIRGINIA (EB)

Recaptures representative phases of life in Colonial Virginia. In the course of a personalized and integrated story, the following are portrayed: the atmosphere and functions of the tobacco plantation; the significance of

Williamsburg as the political and social center of the colony; the roles of the slave, indentured servant, and artisan; methods of manufacture and means of transportation; political and economic factors; practices in medicine and penology; and the costumes, architecture, social customs, and music of the period.

i-j-h-c 10 minutes \$1.25

PLANTING OUR GARDEN (EB, Color)

This film portrays the activities of a family in planting a vegetable garden. We learn about the process of seed germination and development, and the conditions that various seeds must have in order to grow.

i-j 11 minutes \$2.25

PLASTIC ART (EB)

Illustrates stages in producing a bronze statuary group from model group to full size group.

j-h-c 11 minutes \$1.25

PLASTICS (YA)

Describes the use of plastics in war, in the home and industry.

j-h-c-a 16 minutes \$2.00

PLAY BETTER GOLF (2 PARTS) (OF)

Fundamentals: Lloyd Mangrum, Sam Snead, Patty Berg and Jim Ferrier show the "know how" of the three fundamentals of good golf—correct grip, aim, and swing.

Advanced: The champions show applied techniques in overcoming hazards and obstacles likely to be encountered on the course—high grass, water hazards, tree blocks, and sand traps. Special attention is given to proper clubs, chip shots and putting.

h-c-a 10 minutes each part; \$1.25 each part

PLAY CHAMPIONSHIP BASKETBALL (ASF)

Skillfully set-up demonstrations explain shooting, passing, dribbling, tapping, screening, blocking, use of arms and hands, defense on jump, guarding the shooter, infractions, drills, types of plays, and all major phases of court play. Basketball is translated into terms of fundamentals by the two-time national championship Oklahoma A & M team with All-American Bob Kurland and under the direction of coach Henry Iba.

j-h-c 62 minutes \$6.00

PLAY IN THE SNOW (EB)

Activities of several children making a snow man, playing fox and geese, and coasting, healthily and wholesomely described.

p-i 11 minutes \$1.25

PLAY SAFE (PRP)

Intended to teach safety in playing, walking, and riding habits. Animated scenes of the character Dopey Dilldock getting into trouble are used to introduce each sequence of live action showing correct safety procedures.

p-i 10 minutes \$1.25

PLAY VOLLEYBALL (ASF)

Full explanation of game. Slow motion and stop action photography are used to clarify the essentials of play.

i-j-h-c-a 20 minutes \$2.00

PLAYGROUND SAFETY (C)

Is a motivational film, planned to improve playground behavior by implanting three basic rules of the playground: (1) Be sure the play space is safe; (2) keep out of the way of other players; and (3) learn how to play skillfully.

p-i-j 11 minutes \$1.25

PLAYTOWN, U. S. A. (YMCA, Color)

A dramatized story of how all local public and voluntary agencies in a community can organize to promote community-wide, all-age, year-round recreation.

h-c 23 minutes \$3.00

PLEDGE OF ALLEGIANCE

A short film giving only the Pledge of Allegiance which can be used at the closing of patriotic programs.

general 3 minutes Postage, 25 cents

PLIERS AND SCREWDRIVERS (PTC)

Correct use of these tools as well as what not to do is shown.

j-h-c 15 minutes \$2.00

PLUMBING (VGF)

Features and importance of the trade are illustrated. Apprenticeship explained.

j-h-c 10 minutes \$1.25

PNEUMONIA (EB)

After directing attention to the mortality and preventative aspects of pneumonia deaths, this production traces the diagnosis and treatment of a typical pneumonia patient from the onset of infection to the time when the disease has been overcome. Both the drug and the serum treatments are demonstrated. Animated photography describes the appearance of infested lung tissues and the effect of serum.

j-h-c 11 minutes \$1.25

PO RIVER VALLEY — ITALY (UW)

The broad fertile land of the Po Valley, protected from cold winds by the high mountains which surround it and provide it with abundant hydro-electric power, makes an ideal area for the homes of almost half of the Italian people. This film is a picturization of the development of many large cities and industries fostered by the abundance of cheap electric power and skilled labor. It also presents a delightful contrast in the analysis of daily life in the village of Rivolta d'Adda, a farming community. The religious nature of these Italian farmers is highlighted by showing how each phase of the waking hours of the people is marked by the tolling of the bells in the local church tower.

j-h-c 22 minutes \$2.00

POCAHONTAS (COFC, Color)

A re-enactment of events in the life of the famous Indian maiden, daughter of King Powhatan of the Mattaponi tribe, including the story of how she saved the lives of the settlers at Jamestown. Emphasizes her belief that all men should live together in peace.

p-i-j-h-c-a 30 minutes \$4.00

POLAND (EB)

Among the scenes are Warsaw, the capital — government buildings and characteristic street scenes, shops, transportation, parks, the market place, new housing projects, the sharply contrasting old and new architectural styles. We see the Jewish district and its customs — streets, stores, and students. Also a typically individually owned small farm and its peasant proprietor. Other sequences show peasant home life, customs, mealtime, weaving, a kindergarten and primary grade, handicraft, wood carving and sculpture. Filmed in 1938.

j-h-c 15 minutes \$2.00

POLAND FOREVER (FI)

This is a message from the youth of Poland, who are fighting for the liberty of their nation. It is the story of a nation both young and old — old in tradition of courtesy to man and reverence for God, and young in heroic dedication to the building of a new state. The film traces the history of Poland from the 15th Century to the present and outlines events leading up to the invasion. There are some vivid shots of a war ravaged people — people left in misery and desolation, forlorn and homeless, crushed in all but spirit.

h-c 22 minutes \$2.00

POLE VAULT (C)

Preparation of pole, length of run, approach, push-up and final turn are clearly demonstrated.

j-h-c 11 minutes \$1.25

POLICEMAN, THE (EB)

Describes the function of police officers in general and follows a typical city patrolman through one of his regular shifts of duty. In due course, the use of motorcycles and patrol cars with two-way radio communication is demonstrated and explained. Lessons in pedestrian and vehicular traffic safety are developed, along with the role of the policeman in rescue work and the apprehension of a speeding driver.

i-j-h-c 10 minutes \$1.25

POLITICAL PARTIES (C)

A conceptual film, designed to show the relationship of political parties to the individual, and to show that the institution of parties is dependent upon popular approval. The work of party mechanics is illustrated, and the way parties keep good will.

i-j-h-c 11 minutes \$1.25

POLITICAL PARTIES (EB)

Emphasizes that political parties provide the means by which citizens act together to choose men for public office and to further programs representing their interests. Explains how political parties operate. Points out that parties are as important when they are in the opposition as when they are exercising power. Stresses that political parties can exist only where citizens are free to express their opinions and take action on them.

h-c-a 20 minutes \$2.00

POLITICS AND ELECTIONS (PRP)

The story of how the American political system works out in actual practice: How political organizations by-pass the laws governing expenditures in election campaigns, how party workers canvass their precincts and get out the vote, and how ballot boxes are sometimes "stuffed." Also shows many things private citizens can do to prevent election frauds and make sure our democracy works as it was intended.

j-h-c-a 20 minutes \$2.00

POLL AND JIMMY IN WONDERLAND (COFC)

The story of Jimmy, a little boy of about ten, who has a wonderful place which he wanders off to now and then. It is a parrot paradise where he has many friends.

p-i-j 10 minutes \$1.25

POLYGONS (KB)

Opens by showing real life polygons. The definition of polygon and the ideas of convex and concave are clarified by animation. The inscribed circle and the circumscribed circle of a regular polygon are described. The sum of the interior angles theorem and the sum of the exterior angles theorem are covered in detail.

h-c 12 minutes \$1.25

POMPEII AND VESUVIUS (EB, Color)

Portrays an actual eruption of Mt. Vesuvius and the ruins of the city of Pompeii. Recalls the eruption of 79 A. D. and depicts the current scene in Pompeii and environs. Shows life in present-day Naples and Sorrento as it is carried on within the very shadow of the still active and ominous Mountain.

j-h-a 11 minutes \$2.25

POND INSECTS (EB)

Presents the diving water beetle, the mayfly, and the dragonfly, as representative of this group of insects. Their life cycles are portrayed, as well as their food habits and struggle for existence. Among the events shown are the method by which the diving beetle lays its egg; a water beetle larva attacking a large tadpole; the mayfly molting after acquiring wings; the mayfly hiding from its enemies; and the remarkable mask of the dragonfly nymph.

i-j-h-c 11 minutes \$1.25

POND LIFE (EB)

Shows a pond as an organized community in which plants are dependent upon each other and points up conditions which are necessary for life in a pond. Portrays representative animals living at various levels of the water and explains why they live at those levels.

p-i 10 minutes \$1.25

PONY EXPRESS (E)

This is a story of how the letters of 1860 were dispatched across the western frontier by horse relays and couriers. A letter is followed from the time it is mailed in a general store post-office and franked with the running horse seal until it reaches California 10 days later and is delivered to a miner at Sacramento. Close-ups of the steps and tools used in this service afford an understanding of the mochila, cantina, and saddle of Pony Express days.

i-j 11 minutes \$1.25

PORK ON THE FARM (USDA)

Hog killing time in Georgia! Luscious sugar ham, fine chops, and crisp bacon tantalize us in the opening scenes of the film. With this beginning the film introduces us into the best methods of killing and curing pork on the farm. First the hog is killed, skinned, cleaned, and finally cut in half in preparation for making the final cuts of meat. The cutting of the hog by an excellent demonstrator shows the exact nature of the cuts of meat. Several scenes show how the government has assisted the hog producers by teaching them how to butcher their own hogs. Various curing methods are also shown.

j-h-c 20 minutes \$2.00

PORTS OF INDUSTRIAL SCANDINAVIA — SWEDEN'S EAST COAST (UW)

This film shows us that these people of one of the earth's most northern countries live well because abundant water power helps them to make good use of their forests, minerals and farm lands. By following an icebreaker merchant vessel along Sweden's east coast, we observe the products at several industrial port cities. We see several of the industries which are based on Sweden's most important natural resources — hydro-electric power, iron and lumber. Life in old and new Stockholm is contrasted. At a department store examples of the craftsmanship of Sweden's potters and glassmakers are studied. Finally, we accompany the first mate of the merchant vessel to his home in one of Sweden's cooperative apartments and observe the members of his family going about their household tasks.

j-h-c 22 minutes \$2.00

PORTUGAL (MOT)

The status of education, labor, and industry in this country whose future role among the nations of the world is still undetermined is shown with objectivity in this film.

j-h-c 12 minutes \$2.00

POSTNATAL CARE (MF)

Shows a mother in the hospital room after the delivery of her baby; and emphasizes the importance of proper care and exercise for the mother, and the care and nursing of the baby. Discusses the role of the father in the family. Diagrams show how the mother's body returns to normal.

c-a 13 minutes \$2.00

POSTURE AND EXERCISE (EB)

Describes and explains muscle activity and physiology of exercise. The various concepts presented include the relation of the nervous system to the skeletal muscles; motor units of work; muscle tonus in relation to posture; development of endurance; and peripheral circulation as it is related to general physical efficiency.

j-h-c 11 minutes \$1.25

POSTURE HABITS (C)

Makes the child posture-conscious and motivates development of good posture habits during the formative years. Treats standing, walking, and sitting postures.

i-j 11 minutes \$1.25

POTASH IN SOUTHERN AGRICULTURE (API, Color)

Covers potash deficiency symptoms for cotton, tobacco, and corn. Also includes scenes in a fertilizer factory.

j-h-c-a 20 minutes \$3.00

POTASH PRODUCTION IN AMERICA

(API, Color)

Shows the location and formation of deposits, the mining, and refining of potash in California and New Mexico.

h-c-a 40 minutes Postage

POTTERY MAKING (EB)

Shows a professional potter at work mixing clay preparatory to centering it on a wheel, shaping, trimming, and preparing it for firing. An Indian bowl is constructed by the ancient method of building up and shaping coils of clay, on which a primitive design is later added. The use of a plaster cast in the molding of duplicate pieces is demonstrated. The art of making angular shaped pottery by cementing together slab pieces likewise is shown, along with methods of decorating and firing. Techniques of applying glazing slip by dipping, brushing, spraying, and pouring are treated.

j-h-c 11 minutes \$1.25

POULTRY — A BILLION DOLLAR INDUSTRY (USDA)

The magnitude of the poultry industry and how it is conducted are shown in this film. Scenes include poultry farms, hatcheries, poultry dressing and handling of poultry products.

general 30 minutes \$3.00

POULTRY ON THE FARM (EB)

Treats the appearance and habits of adult and young chickens, ducks, geese, and turkeys. Chickens are shown roosting, drinking, and feeding. The gathering of eggs, the brooder house, and the incubation of eggs are depicted, along with scenes of a chick embryo, chicks hatching, young ducklings swimming and feeding, and families of geese and turkeys in characteristic situations. Natural sounds of the poultry are reproduced.

p-i 11 minutes \$1.25

POULTRY RAISING (VGF)

Problems and responsibilities of this business enterprise described for vocational purposes.

j-h-c 10 minutes \$1.25

POWER (JH)

Shows how energy is harnessed in the modern gasoline engine and automobile. Before our eyes in animated pictures and cutaways we see the four-stroke cycle internal combustion engine going through its complete stroke cycle — intake — compression — power — exhaust.

We see how only the power stroke drives the car forward. And we are shown why the flywheel is necessary to keep the piston moving for the other three

strokes. Made clear is the need for four or more cylinders in making power flow smoothly.

The explosion of the gasoline air mixture in the cylinder is shown forcing the connecting rod down to turn the crankshaft. We see this force travel through the transmission, along the propeller shaft, through the differential and rear axle and we see it turn the wheels. In short, we are shown power at work.

j-h-c 9 minutes \$1.25

POWER AND THE LAND (RKO)

In 1939 the Rural Electrification Administration produced one of the government's most notable documentary films. The film deals with the economic and social significance of rural electrification.

h-c 45 minutes \$4.00

POWER OF PLANTS (AL)

By means of time-lapse photography, the physical power of plants is shown in their indomitable effort to reach the sun and fulfill their growth. How they overcome such obstacles as rocks, covered glass jars, multiple layers of tin foil, and heavy weights is demonstrated.

j-h-c-a 11 minutes \$1.25

POWER WITHIN, THE (USBM)

The development of a suitable fuel for use in Internal Combustion Engines and the operation of these engines are among the highlights of the film produced by the Bureau of Mines. Animated drawings illustrate the operation of the four-stroke cycle of an automobile engine cylinder, comparing the strokes of the engine using gasoline with the loading, ramming, firing and clearing of a cannon using gun powder. Research in connection with problems on fuel is also shown in this thorough film.

j-h-c 19 minutes Handling charge, \$1.00

POWERS OF CONGRESS (C)

A fantasy is employed in this film to define and explain the powers of Congress.

i-j-h-c 11 minutes \$1.25

PRACTICE MAKES CHAMPIONS (PPC)

The championship Phillips "66" company team demonstrates basketball fundamentals.

j-h-c 28 minutes \$3.00

PRACTICE MAKES PERFECT DRIVERS (GM)

Part of Driver Education series. Other titles are: YOUR PERMIT TO DRIVE (11 min.); DRIVING ECONOMICALLY (17 min.); Filmstrips are: CONTROLLING THE CAR; DRIVER FITNESS AND ATTITUDE; DRIVING STRAIGHT AHEAD; IN

CASE OF ACCIDENT; INTERSECTION CONTROLS; PARKING; PREVENTIVE MAINTENANCE; ROAD EMERGENCIES; SPEED CONTROL; STARTING THE CAR; SWITCHES, INSTRUMENTS AND CONTROLS; and TURNING.

h 11 minutes \$1.25

PRAIRIE PROVINCES OF CANADA (EB)

Orients the prairie provinces of Manitoba, Alberta, and Saskatchewan as part of the Dominion of Canada, and in relation to the United States. It includes the northwest territories. The major sequence is concerned with grain growing, tracing the steps from planting to milling. Other sequences included are on people, agriculture, furs, transportation, mining, and commerce.

i-j-h 11 minutes \$1.25

PRAYING MANTIS, THE (HFE)

An amazingly intimate study of one of nature's most interesting insects, the "Praying Mantis." Detailed micro-cinematography is used throughout this film, recording the various stages of this insect's exciting existence.

j-h-c 11 minutes \$1.25



Commercial Education

DEVELOPING SHORTHAND SPEED
DOING HOMEWORK (SHORTHAND) I
DOING HOMEWORK (SHORTHAND) II
EIGHT PARTS OF A BUSINESS LETTER
HOW TO OPERATE A MIMEOGRAPH
DUPLICATE
FILING PROCEDURES IN BUSINESS

PRECISELY SO (GM)

The development from ancient times of modern standards of accuracy. Scientific instruments which measure time to the thousandth part of a second, weigh a dot of a lead pencil on a piece of paper; split a hair-breadth measurement into hundreds of parts are shown here.

h-c-a 20 minutes \$2.00

PRECISION BASKETBALL (IHSA)

The film opens with the manufacture of the precision basketball. An authority on the technicalities of basketball explains the rules of play by illustrating the various plays. The rules illustrated are: Rule 7; Rule 11, Section 7; Rule 7, Section 10; Rule 15, Section 9; Rule 7, Section 12; Rule 15, Sections 9 through 12; Rule 7, Section 2; Rule 10; Rule 7, Section 9; Rule 8, Section 8; Rule 1, Section 5. The purpose of the film is to throw some light on the principal points of controversy.

j-h-c 20 minutes \$2.00

PRECISION GAGE BLOCKS (USOE)

Shows how to calculate a stack of gage blocks; how to clean and assemble blocks; and various uses of gage blocks.

h-c 18 minutes \$2.00

PRECISION INVESTMENT CASTING (ACH, Color)

Portrays and explains various steps involved in this recently developed metal-forming process. Illustrates each production step from manufacture of wax injection die to final cleaning of castings.

h-c-a 12 minutes \$3.00

PRECISION LAYOUT AND MEASURING (FP)

The picture starts by explaining layout and dimensioning. Among other things, it explains the basic methods of precision layout. Precision measuring instruments are broken down into their five basic principles; the micrometer screw, the multiplying lever, the vernier scale, the contact gauge, and optical magnification. Each of these principles is clearly explained and different examples of each are shown. The measurement of angles by protractor, dividing head, and sine bar is shown.

h-c 11 minutes \$1.25

PREFACE TO A LIFE (UW)

Depicts the critical years in a child's life. Shows how his developing personality is affected by the attitudes and actions of his family, friends and neighbors.

a 29 minutes \$3.00

PRELUDE TO WAR (OWI)

This introductory film to the "Why We Fight" series explains in graphic and persuasive style the events leading up to our entry into the war and why we entered the conflict.

h-c 54 minutes \$5.00

PRENATAL CARE (MF)

Diagrams show the female organs and the changes that take place during pregnancy. Emphasizes the fact that the prospective mother should work with the doctor and her husband in planning exercise, diet, and clothing. Diagrams show the development of the embryo, with emphasis on the weight gain during the last three months.

h-c-a 13 minutes \$2.00

PREPARATION OF TEACHERS (UW)

Teacher education at Ball State Teachers College, Muncie, Indiana. How to understand children, provide for individual pupil differences, and develop desirable personality traits in teachers, etc.

h-c-a 20 minutes \$2.00

PREPARING A CUPOLA FOR CHARGING (UW)

Explains how to recognize the end of a heat; the procedures for dropping bottom; and the procedures for preparing a cupola for its next heat.

h-c-a 21 minutes \$2.00

PREPARING TO USE A FILM (SBC)

Intended to show the importance and method of preparing to use a film in the various phases of a church program. The leader who has ordered the film demonstrates the routine preparation for using the film the following Sunday. The preview, integrating the film with the other curriculum material, preparing the room, setting up the equipment, and other important steps in preparation are presented.

h-c-a 12 minutes \$2.00

PRESENT FOR SANTA CLAUS (OF)

Two children plan a present for Santa Claus as a special secret project.

p-i 10 minutes \$2.00

PRESERVING FOOD (C)

Whether it's for a day or for a year, the rules for preserving food are the same—care, cleanliness, and control of moisture and temperature. This home economics film teaches the knowledge and skills necessary to preserve our food. It shows the nature and effect of molds, yeast, bacteria, and enzymes in relation to food spoilage. The reasons behind short-term and long-term methods of food preservation are given, and each method explained.

j-h-c 10 minutes \$1.25

PRESIDENCY, THE (MOT)

The present position of the presidency is traced from the constitutional beginning of the office, through the development of the implied powers to the unique status of the presidency today. Relates the presidency to the men who have held the office and to the events that have shaped their conduct.

h-c-a 11 minutes \$1.25

PRESIDENTIAL ELECTIONS (EB)

Describes the process of electing a President of the United States emphasizing it as the most significant event in American political life. Animated drawings and a wealth of photographic material record recent campaigns. The film describes the structure and strategy of presidential campaign organizations and the major political moves involved in the nomination and election of a President.

h-c-a 16 minutes \$2.00

PRESIDENT'S CABINET (C)

Relationship of the President's cabinet to everyday life situations and to other functions of our government is shown in this important civic production. Functions of the cabinet and the executive departments are outlined and a review of the general development of the cabinet is offered.

j-h-c-a 11 minutes \$1.25

PRESSURE GROUPS (EB)

Clearly explains what pressure groups are and reveals that, when democratically used, they are a necessary instrument for decision-making in a democracy. Illustrates methods used by a representative democratic pressure group to bring about legislation for a desirable civic project. Contrasts these methods with the under-handed and behind-the-scenes manipulation employed by a group attempting to prevent the passage of a bill.

h-c-a 20 minutes \$2.00

PRICE OF FREEDOM, THE (NAM)

The story of a young reporter who, after seeing what happens to the individual's freedoms under the police state, develops an intense desire to warn the readers of his newspaper against the tendency of the people of any country to want the government to do everything for them. The reporter's father, a small town newspaper publisher, at first disagrees with his son. Upon reading a crusading article written by his son after a trip to Europe, the father agrees to publish the article and to take a vigorous, uncompromising stand.

h-c-a 23 minutes \$3.00

PRICES UNLIMITED (OWI)

This is a powerful presentation of what would happen to prices in this country if we did not have

rationing. The point is interestingly driven home in story form when two girls try to "beat the game" until one of them is made to realize, through a dream, the disastrous results that would ensue were everyone to follow the illegitimate tactics that they practiced. The film features Leon Errol.

h-c 10 minutes \$1.25

PRIDE AND PREJUDICE

(TFC, Restricted to Classroom Use)

This is an abridged version of the feature-length dramatization of Jane Austen's novel.

j-h-c 40 minutes \$4.00

PRIDE, THE SADDLE HORSE (EB)

The story of the growth and training of a champion saddle horse, Pride. Shows very young children the long training that a horse must undergo to be "just a saddle horse." Pictures horses being shod, running free in the pasture, and being broken to the saddle. Fine pictures of show horses in the ring.

p-i 10 minutes \$1.25

PRIMARY CELL, THE (EB)

The structure of the primary cell is diagramed, and the manner in which electrical current is created through the reaction of positive and negative electrons is demonstrated by animated drawings. The use of the primary cell in portable radios, cameras, and other electrical appliances is shown.

j-h 11 minutes \$1.25

PRIMITIVE ARTISTS OF HAITI (EB, Color)

A documentary study of the work of the native artists of the Carribean republic of Haiti. Traces the development of the centre d'art founded some years ago by two American artists. Suggests the social and economic background of the Haitian people. Tells the story of the art center movement, the system by which it is carried on, and shows some characteristic results obtained. An excellent study of genuine primitive artists and their work as well as an interesting case study of one aspect of democratic living.

j-h-a 11 minutes \$2.25

PRINCESS AND THE DRAGON, THE (I)

Employing the technique of multiple-photography of puppets in changing positions, this picture cleverly animates the story of the cobbler boy who slays a dragon and wins the hand of the fair princess. The film, designed for children, will entertain people of all ages with its delightful story and characters.

general 10 minutes \$1.25

PRINCIPAL DIMENSIONS, REFERENCE SURFACES, AND TOLERANCES (USOE)

Shows the relationship between the blueprint and a rough and finished casting; how to use a blueprint in selecting reference surfaces; interpret tolerances; and use a blueprint in checking the accuracy of finished work.

h-c 12 minutes \$1.25

PRINCIPLE OF THE GENERATOR (YA)

Uses animation to explain the elementary principles of electromagnetic induction in simple terms. These principles are then related to the operation of the generator which supplies electric current to homes and factories.

j-h-c-a 10 minutes \$1.25

PRINCIPLES OF BAKING (EB)

Explains the factors involved in the making of baked products. It shows that flour is the common ingredient in all baked products or flour mixtures. It goes on further to explain the other ingredients which are used, depending on the kind of product desired.

j-h-c 11 minutes \$1.25

PRINCIPLES OF COOKING (EB)

A demonstrative film on the fundamental principles of the simple cooking processes — boiling, frying, broiling, roasting, and steam cooking. Each process is described in terms of its effect on nutritive values and palatability of foods. Animated diagrammatic drawings explain the changes that take place in starches and meat when heat is applied.

j-h-c 11 minutes \$1.25

PRINCIPLES OF DEVELOPMENT

See

CHILD DEVELOPMENT: PRINCIPLES OF DEVELOPMENT

PRINCIPLES OF GAS FILLED TUBES (USOE)

Explains theory of ionization applied to gas filled tubes, control of currents, the gas diode as a rectifier; action of grid and application of gas triode as a rectifier.

j-h-c 15 minutes \$2.00

PRINCIPLES OF HOME CANNING (EB)

The importance of selecting choice, garden-fresh foods for best results in home canning is emphasized. Causes of food spoilage by molds, yeast, and bacteria are explained, and are strikingly illustrated by micro-photography of molds, yeast, and the botulinus bacilli. Four principal types of jars and closures are fully demonstrated. The need of using only perfect jars and

closures is stressed. The film concludes with proper storage of food for future use—food which is preserved with a maximum of its original flavor and nutritive value.

j-h-c 11 minutes \$1.25

PRINCIPLES OF REFRIGERATION (USOE)

An excellent film study which deals with the discovery and development of refrigeration—shows the application of its principles in commercial and household uses for the preservation of food, and clearly presents a concise story of the modern necessity.

h-c 11 minutes \$1.25

PRINCIPLES OF SCALE DRAWING (C)

Wherever things are built, scale drawings are the language of construction and a vital means of communication. Jack, Gill, and Helen are building a booth for the Charity Fair. In solving their basic problems they instruct the viewer in the skills and interpretation of scale drawing. Determining scale, using measuring and scaling tools, understanding terms, and the vital importance of scale drawing in modern industry are concepts and techniques applied in this film.

j-h 10 minutes \$1.25

PRINCIPLES OF THE ART AND SCIENCE OF TEACHING (UIO)

Three basic principles of teaching utilized in the cooperative development of an assignment are illustrated: (1) Formulation of immediate and ultimate objectives, (2) Selection of content and activities, and (3) Adaptation of method.

Especially designed for training pre-service and in-service teachers, the film shows the unrehearsed activity of a class of eleventh grade pupils in American history. The assignment of a new unit, "The Historical Development of Certain Basic Institutions of Freedom in America," is planned cooperatively by the class.

h-c-a 55 minutes \$5.00

PRINTING (VGF)

The jobs of compositors, pressmen, layout, bindery, linotype and monotype which are concerned with the printer's art are well illustrated with shots using letter presses, rotary presses, offset and newspaper presses. The training of an apprentice is well outlined. Primary use of the film will be in guidance.

j-h-c 11 minutes \$1.25

PRINTING THROUGH THE AGES (EB)

Traces the story of printing from ancient times to the present. Shows early methods of reproducing pictures by means of wood blocks and depicts the transition from printing of pictures to printing of letters.

Illustrates Gutenberg's contributions, and reveals the evolution of modern type face. Concludes with scenes of modern book and newspaper presses in operation.

i-j-a 14 minutes \$2.00

PROBLEM CHILDREN (ODMH)

A story of two junior high school boys and how their personalities are affected by their relationships in home and school. Illustrates how parents and teachers should work together to provide conditions favorable to the solution of these boys' problems.

c-a 20 minutes \$2.00

PROBLEM DRINKERS (MOT)

Takes you step by step through an alcoholic's downfall and his rehabilitation. Tells the story of what has been done to date by such well-known organizations as Alcoholics Anonymous, the Research Council on problems of alcohol and the laboratories of the Yale School of Alcohol Studies to control alcoholism and have it recognized as a disease.

h-c 19 minutes \$2.00

PROBLEMS IN HOUSING (EB)

This film contrasts the "dream" home of modern technology, fitted with every device for comfort and convenience, with the inadequate houses in which most of us continue to live. Photographic sequences establish standards for pleasant and healthful housing and demonstrate simple, practical ways to make the houses of yesterday meet requirements recognized today. Protection from the weather, adequate light, safety, beauty and freedom from intruders present personal problems for which any school child may help to provide a solution. The film creates an awareness of physical surroundings, their influence upon man and his ability to control them.

j-h-c 11 minutes \$1.25

PROBLEMS OF CITY DRIVING (PRP)

Covers the hazards of heavy traffic in urban areas. Some of the points of safety covered are: correct procedure of entering street from private driveways; which lane to use in varying circumstances; safety zones and pedestrian hazards; when and how to park in parallel and diagonal areas and on hills; who has the right-of-way at various types of intersections; emergency vehicle right-of-way; U turns, when and how to make; and many other examples of heavy traffic hazards.

h-c-a 11 minutes \$1.25

PROCRASTINATOR, THE (YA)

The latest addition to the series of films on *Discussion Problems: In Group Living*, "The Procrastinator" is designed to stimulate group discussion on the con-

sequences of not doing things on time, consequences both to the individual and to others. Here is a sure-fire discussion film for teen-age groups. Like all the others in this series, "The Procrastinator" challenges students to discuss and arrive at answers to their own problems.

j-h-c 10 minutes \$1.25

PRODUCTION OF FOODS (EB)

Animation depicts role of land in production of foods, influence of food production methods, and the relation of animal food to plant food.

j-h-c 10 minutes \$1.25

PRODUCTIVITY—KEY TO PLENTY (EB)

The theme of the film is American production, and how we in America have achieved a capacity to produce coupled with a standard of living unequalled anywhere else in the world. It concerns the development of production, from the crude efforts back in the 1800's, to the highly efficient production of today, with a suggestion of the greater capacity for production in the future with atomic power the main tool.

j-h 20 minutes \$2.00

PROJECTING MOTION PICTURES (UC)

Designed for use in training student projectionists of 16mm films. A knowledge of the threading, operating controls, and cleaning of equipment is presupposed.

j-h-c-a 10 minutes \$1.25

PROMISE OF PAKISTAN (MOT)

Scenes from the new nation of Pakistan, which was created on August 15, 1947. We see lumbering caravans moving slowly through the Khyber Pass, modern airliners landing at Karachi Airport, visit great modern newspaper plants, and observe religious customs dating back thousands of years.

j-h-c-a 17 minutes \$2.00

PROOF OF THE PUDDING (MLI)

A study of human diet requirements. Shows the food needs of a typical family, and how good health and a liberal diet can be maintained on even a limited food budget.

h-c-a 10 minutes \$1.25

PROPAGANDA TECHNIQUES (C)

Chuck would like to know whether the election was really "a victory for good government" as the victorious party claimed, or just a victory for propaganda. The film teaches the methods of recognizing and evaluating propaganda, and also encourages one to adopt a judicious, critical attitude toward it.

j-h-c 10 minutes \$1.25

PROPERTIES OF TRIANGLES (KB)

The practical importance of the rigidity of the triangle is illustrated by comparing the strength of triangles with the strength of non-rigid figures. Animated treatments of the angle bisectors theorem, the perpendicular bisectors theorem, the altitudes theorem and the medians theorem follow. The merging of lines and points when a triangle becomes equilateral is shown.

h-c 12 minutes \$1.25

PROPERTIES OF WATER (C)

The film demonstrates the composition of water boiling under different pressures, distillation, solubility of solids, liquids and gases in water, saturation, super-saturation, crystallization, water as a standard and energy changes in freezing and vaporizing.

h-c 11 minutes \$1.25

PROPERTY TAXATION (EB)

Social usefulness of property taxation, types of government expenditures supported by such taxes, bond issues and levying taxes illustrated. Fundamental operations of arithmetic are practically used.

j-h-c 10 minutes \$1.25

PROPHET WITHOUT HONOR

(TFC, Restricted to Classroom Use)

Opens with a view of the Hall of Fame wherein are the busts of seventy-two honored Americans. The scene shifts to 1825 with young Maury as a midshipman, at sea. Meeting with an accident and becoming crippled for life, he is transferred to a bureau. He makes an intensive study of the old records and eventually maps out a chart of the ocean's behavior regarding currents and wind directions. After proving his charts, the whole world honored Maury. The picture closes with views of diverse modern activities all aided by his studies of wind and weather.

j-h-c 11 minutes \$1.25

PROSPECTING FOR PETROLEUM (SOC, Color)

Puppets show how the crude methods of early oil prospectors have been replaced by highly sensitive instruments. An excellent film.

general 22 minutes \$3.00

PROTECT YOUR BIRDS (LF)

Shows why birds are important to us. Birds are seen in natural habitat in large close up. Bird calls are also given.

p-i 6 minutes \$1.25

PROTOPLASM BEGINNING OF LIFE (B)

Depicts the earliest forms of life as revealed through Geology, showing characteristics of living things, move-

ment, irritability, assimilation, and reproduction. Shows that through reproduction the race of a species lives on.

c-a 11 minutes \$1.25

PUBLIC OPINION (EB)

Public opinion process is traced through state of tension, diagnosis and prescriptions, further debates to final action. Shows what affects public opinion process. Methods of measuring public opinion are illustrated, also ways of analyzing factors that influence public opinion. Defines nature of an enlightened public opinion in a Democracy.

j-h 11 minutes \$1.25

PUBLIC OPINION IN OUR DEMOCRACY (C)

Attitudes of citizens toward prominent issues in political and social life are a vital part of the American system. Explains the importance of public opinion, shows how it is formed and determined on a significant community issue. From it students will learn the importance of their opinions and the obligation they have to express their opinions in terms of responsible action.

j-h-c-a 11 minutes \$1.25

PUBLIC RELATIONS (MOT)

Through the many changes in American life in the past twenty-five years a new profession has come into being—the practice of public relations. Good public relations in business has become of prime importance and it is the public relations counselor who is charged with the task of maintaining sound inter-relationships of business, government, labor, and the public. The film shows the value of good public relations between business, labor, government, and the public, and the role of public relations personnel.

h-c-a 17 minutes \$2.00

PUEBLO HERITAGE (AS, Color)

Shows the background for the Pueblo culture in modern New Mexico by tracing this culture from pre-white man era to the present. The native Indians are shown pursuing their crafts of pottery and jewelry making. A tribal celebration at Gallup is shown, in which the Taos, Zuni, and Acoma Indians participate. Other films in this series are: *Miracle on the Mesa* and *Seminoles of the Everglades*.

general 20 minutes Handling charge, \$1.00

PUNCH AND JUDY (GA)

Opens with a short demonstration of setting up and operating a hand puppet show, after which Mr. Punch tells a brief story of his history and tradition from the 17th century to the present day.

Then a show is presented in which Punch commits many murders and is finally eaten by an alligator.

p-i-j-h-a 17 minutes \$2.00

PUNCHES (PTC)

How to use this tool.

j-h-c 15 minutes \$2.00

PUNCTUATION — MARK YOUR MEANING (C)

An absorbing film story which, in a matter of minutes, emphasizes the importance of proper punctuation and its basic rules as no amount of weary classroom repetition could ever do.

i-j 11 minutes \$1.25

PUPPET FACES (BFS)

Shows the detailed operations of making puppets with built-up features. The process of raising the features commences with making the frames for the eyes, nose, and ears, of wire. When the wire has been inserted and fastened to the sock, papier maché is made to cover the frames. The process of making the papier maché and the ingredients is carefully depicted. When this mixture is of the correct consistency, the features are moulded and fastened to the already inserted frames.

Mixing the paint and decorating the features is shown to aid the beginner in determining the proper shading and the correct procedure. A method of steadying the hand while painting concludes this half-reel. Models of this type of puppet are shown in action to give the beginner an idea of the imaginative figures that may be created.

j-h-c 6 minutes \$1.25

PUPPET THEATRE (BFS)

A simple puppet theatre is shown in the course of construction. The style of the "stage" is as elementary as possible, so that the beginners may follow it clearly. A "curtain" is constructed from an old roller shade, and decorated. Methods of keeping the puppets on an even line during the course of their action are clearly reproduced.

When the stage is completed, a short play, using the characters of Hansel and Gretel, is produced for a group of children assembled to see the finished product. Various other characters appear, and scenes from both front and back stage are included.

j-h-c 6 minutes \$1.25

PUPPETRY — STRINGED MARIONETTES (EB)

In this film we accompany a little boy as he visits a puppeteer's workshop. We observe the craftsman working on the construction of one of the dolls throughout its various stages. The film concludes with an episode from the "Hansel and Gretel" story, acted by the marionettes.

j-h-c 11 minutes \$1.25

PUPPY TROUBLE (USI)

Care, feeding, and simple obedience training of puppies from 8 weeks to 8 months are shown. In-

CRIME OF KOREA

Presentation of the beginning of hostilities of the Korean conflict.

10 MINUTES RUNNING TIME

\$1.25 PER WEEK



cluded are housebreaking, teaching a puppy to stay by himself, breaking the habit of barking, grooming, medical care, and how a puppy learns.

j-h-c-a 20 minutes \$2.00

PURITANS OF MASSACHUSETTS BAY (AUGC)

The life, customs, government, religion, education, homes, and occupations of the Puritans in Massachusetts about 1645 are depicted. The characters are portrayed by costumed actors.

i-j-h-c-a 20 minutes \$2.00

PUSS IN BOOTS (Castle, Color)

A cartoon adaptation of the fairy tale. Sinbad outsmarts the pirates with his tricks.

general 11 minutes \$2.25

PYGMIES OF AFRICA (EB)

The film depicts subsistence of Pygmy tribes living in the Congo River Region of Central Africa. Mode of living, gathering of food, hunting methods, animals native to the region, a community game hunt, and bartering processes are among the many phases of native life presented in this film. Witch doctor mysticism is very interesting as are the native superstitions.

i-j-h-c 20 minutes \$2.00

PYTHAGOREAN THEOREM (KB)

Presents the historical background of the theorem and includes a detailed discussion of an interesting use of the 3-4-5 triangle by the Egyptians. The theorem is proved and examples are shown. The basic importance of the theorem is stressed.

h-c 12 minutes \$1.25

QUADRILATERALS (KB)

Illustrates and explains the chief properties of the important quadrilaterals, including the parallelogram, rectangle, rhombus, square, trapezoid, and trapezium.

h-c 11 minutes \$1.25

QUALITY CONTROL BY STATISTICAL

METHODS: ACCEPTANCE SAMPLING (UW)

Explains acceptance sampling as sampling by the purchaser to determine if the products meet the quality standards he requires. Methods of acceptance sampling, costs of the various methods, and their comparative efficiency are discussed.

c-a 20 minutes \$2.00

QUALITY CONTROL BY STATISTICAL

METHODS: PROCESS CONTROL (UW)

Shows ways of keeping variations in product from swinging in such wide arcs that too many pieces must be discarded, how to check the process to see whether it is within these limits, and how the limits may be moved in or out according to the controllability of the process.

c-a 9 minutes \$1.25

QUALITY IN THE MAKING (GM)

Presents the various processes of manufacture involved in the production of quality ball bearings at General Motors New Departure Division.

h-c-a 23 minutes \$3.00

QUALITY MILK PRODUCTION (CCC)

The important steps in producing clean wholesome milk are depicted in this film. Farm scenes show how sanitation is practiced in the control of mastitis and producing milk of a low bacterial count. A number of scenes inside the laboratory and plant of the receiving station stress the procedures to be followed in maintaining a high quality product. The plant fieldman is shown in action and how he serves the needs and interests of the producer and the processing plant.

h-c 30 minutes Handling charge, \$1.00

QUALITY MILK WITH LESS LABOR

(PCA, Color)

Shows the importance of dairy products in the food diet and construction details for milk houses, milk-

cooling tanks, dairy barns and floors, paved barnyards, walks, manure pits, and other dairy farm improvements.

h-c-a 20 minutes No charge

QUICKER'N A WINK (TFC)

A demonstration of the stroboscopic camera which photographs motion of objects whose speed has heretofore defied reproduction through photography.

general 9 minutes \$1.25

QUICKER THAN YOU THINK (ARCO)

A cooking demonstration featuring quick, easy menus and prepared meats.

j-h-c 20 minutes Handling charge, \$1.00

QUIET ONE, THE (ATH)

Donald Peters is a mentally-disturbed Negro boy who is an only child and the victim of a disrupted home in the Harlem district of New York City. At the age of 10, he is sent away to the Wiltwyck School at Escopus, New York, a correction school for delinquent boys founded by the Protestant Episcopal Church. With the aid of the psychiatrist and counselors there, he receives the training and emotional comfort which set him on the path of rehabilitation of his own personality and toward becoming a useful member of society when he reaches adulthood.

h-c-a 67 minutes \$7.00

R 521 (AFF)

An impression of a trip from Milan to Rome on Italy's latest and swiftest express train. With E.C.A. funds, the country's devastated railroads and equipment are rapidly overtaking their pre-war level of excellence. An unusual musical score sustains and underscores the drive of the locomotives.

i-j-h 12 minutes \$2.00

RABBETING AND SHAPING AN EDGE OF STRAIGHT STOCK (UW)

Principle of the shaper operation; how to set up the machine for cutting rabbets; how to cut rabbets; how to set up the machine to shape molding; and how to shape a molding.

h-a 18 minutes \$2.00

RADIO AND TELEVISION (VGF)

Starts with a series of dissolves showing wireless set of hand key and sounder type, terminal station, trans-oceanic wireless station, radio room of large ship talking from airplane to ground station. The development of radio is sketched. Radio's relation to television is shown. This is one of "Your Life Work" series showing the training and personal qualities necessary and the promotional opportunities for those interested in radio.

j-h-c 11 minutes \$1.25

RADIO BROADCASTING TODAY (MOT)

Shows why radio has been accused of such extremes. Important programs such as Toscanini, Norman Corwin, Town Hall; others like popular comedians Benny, Bergen, Hope, Allen; the film appraises all these as well as the many other types of programs that make up radio today.

general 19 minutes \$2.00

RADIO TECHNIQUE SERIES: PERIODIC FUNCTIONS (USN)

Opens with trick photography to produce two generators and a voltmeter. Narration then explains sine vectors and periodic functions. An oscilloscope is used to show waves made by the generators. Frequencies of generators are explained by animation.

h-c 17 minutes \$2.00

RAILROAD SIGNAL (NYC)

After short review of past RR signals, the automatic system used on present large railways is explained.

general 20 minutes Handling charge, \$1.00

RAILROAD SPECIAL AGENT (McGH)

Shows the duties of a railroad policeman in patrolling, guarding, and watching over the people and cargoes that move by rail.

j-h-c-a 15 minutes \$2.00

RAIN ON THE PLAINS (USDA)

The value and importance of using proper measures of conservation with soil which lacks sufficient water is to be seen in this film. When rainfall is saved by contour plowing and terraces, the ground remains fertile and villages and cities can flourish on the plains.

general 10 minutes Handling charge, \$1.00

RAINBOW PASS

(TFC, Restricted to Classroom Use)

After a glimpse of the Chinese countryside and the celebration by peasants of a holiday in honor of the soil, we see "The Rainbow Pass," a famous Chinese drama.

Then there is the theatre where members of the audience sit at tables eating. Others view the drama from rows of benches. The stage is bare except for chairs and tables arranged by the property man who wears black to denote he is meant to be invisible. He arranges the chairs to indicate twin mountains with the Rainbow Pass between them. These are conventionalized symbols clearly understood by the audience.

Each character introduces himself and explains his rôle. During a duel one of the combatants falls, but not until the property man has carefully arranged three pillows, pausing during the process to relight his cigar. Attendants pass among the audience with hot towels

for the face. The wife of the slain man enters, challenges his slayer. They go through the symbolic steps of combat but as they fight, hate turns to love, and they leave the stage together.

j-h-c 11 minutes \$1.25

RAPE OF THE EARTH (BIS)

The world problem of soil erosion. Wind and flood have done great damage, but man has drained the earth of its strength for centuries. Remedial work was begun before the war, but millions of acres have been lost, some for all time.

h-c-a 20 minutes \$2.00

RAPUNZEL (CR, Color)

A wicked witch imprisons Rapunzel in a tower. Rapunzel's long blond hair, used as a rope ladder, affords the only means of getting into the tower. A prince attempts to rescue Rapunzel, but the witch catches him. She blinds the prince and shuts Rapunzel up, but this time the prince manages to free Rapunzel and her tears of joy at seeing him cause him to regain his sight.

p-i 10 minutes \$2.25

RATIO AND PROPORTION (KB)

Shows some applications of the idea of ratio in various real life situations. The relationship between a ratio and a proportion is clarified. The "product of means equals product of extremes theorem" is covered in detail. The usefulness of ratio as a means of comparing quantities is emphasized.

h-c 11 minutes \$1.25

REACTIONS IN PLANTS AND ANIMALS (EB)

After first characterizing the concepts of "stimulus" and "reaction," the film presents a study of different types of reactions in plants and animals. Directed reactions in a field of force (tropisms) are studied first; then higher reactions including reflexes and chains of reflexes lead up to a review of nervous system activity. Such reactions as geotropism, phototropism, stereotropism, galvanotropism, and rheotropism are studied in detail.

h-c 11 minutes \$1.25

READ, HEED, AND LIVE (GPP)

The purpose of the film is to help increase awareness of traffic safety signs and their importance. A visual test is conducted in the film, showing the shapes of various traffic markings and asking for identification of their meaning. The signs as well as other road markings and their usefulness are discussed.

h-c-a 10 minutes \$1.25

READING A 3-VIEW DRAWING (USOE)

Shows how to use a blueprint to visualize the object, how to interpret a blueprint; and how to make a tool block according to specifications.

h-c 10 minutes \$1.25

READING WITH SUZY (CW, Color)

A film for beginning readers which calls for audience participation in group learning. Provides motivation as well as direct teaching.

p-i 10 minutes \$2.25

READY TO TYPE (C)

Shows students that readiness is the prerequisite to typing efficiency — making all necessary adjustments to the machine and to oneself — getting ready mentally and physically to control the typewriter.

h-c 11 minutes \$1.25

REALM OF THE WILD (USDA, Color)

Our national forests are great wilderness homes for America's wildlife and abundant with numerous species of colorful wild flowers. One-third of all our big game animals and myriad smaller animals and birds claim the national forests as their home. This Kodachrome picture reveals that even more vital than game laws to our wild birds and animals is an assured year-round supply of the grass, weeds, shrubs, and trees which provide them with food and cover. The area of land and its capacity to produce food for wildlife are both limited. For this reason wildlife populations must also be limited.

j-h-c 30 minutes \$4.00

RECEIVING RADIO MESSAGES (EB)

Explains in detail, by animated drawings, the fundamental steps and principles in radio reception by using the simplest form of receiver — the crystal set. It shows the elements of a simple radio receiver and the scientific principles involved in radio.

j-h 11 minutes \$1.25

RECKLESS DRIVER (Castle)

Woody Woodpecker suddenly discovers that he must renew his driver's license.

general 10 minutes \$1.25

RECONDITIONING A CULTIVATOR (UW)

How to check and replace a worn wheel boxing; how to lubricate wheel boxing; how to inspect and adjust the yoke; how to check and adjust toe-in of wheels; how to check and replace worn eveners parts; how to check, replace, and adjust shovels; how to

check and lubricate gang expansion and steering assemblies; and how to lubricate all working parts of the cultivator.

h-c-a 14 minutes \$2.00

RECONDITIONING A GRAIN DRILL (USOE)

How to inspect and repair a typical grain drill; how to clean and lubricate the fertilizer and seeding mechanism; how to inspect the seeding tubes, the clutch and driving mechanism; how to adjust the pressure springs; how to repair the disc furrow openers, the drive chains, and the pawl assembly; and how to calibrate the seeding mechanism are shown.

h-c 31 minutes \$3.00

RECONDITIONING A MOWER (USOE)

Methods of checking, reconditioning, and repairing the cutter bar of a mower are clearly depicted in this film produced by the United States Office of Education. It shows how to remove and replace worn sections in the sickle; how to replace and adjust knife clips and wearing plates; how to align the ledger plates; how to adjust the cutter bar to the proper lead; and how to adjust the sickle for register.

h-c 22 minutes \$2.00

RECONDITIONING A TWO-BOTTOM TRACTOR PLOW (USOE)

Shown are: how to check, repair, and maintain a two-bottom tractor plow; how to check and repair the different wheel assemblies; how to check and repair the power lift assembly; and how to find the center of resistance and the line of draft. Instruction also is given for mixing the ingredients of the prime coat for painting farm machinery.

h-c 25 minutes \$3.00

RECREATIONAL AND OCCUPATIONAL THERAPY (UW)

Shows recreational and occupational activities fitted to the patient's condition; individualized occupational therapy as supervised by the nurse; group occupational work in hospital and community; and social recreation projects.

c-a 13 minutes \$2.00

RECTILINEAR COORDINATES (KB)

Clearly and interestingly this film discusses the mathematical principles involved in the two-dimensional and three-dimensional coordinate system. Clever animation in synchronism with numbers makes possible a concise explanation of Descartes' theorem, point, line, plane, solid, number scale, coordinates, plus and minus values, axes, and three-dimensional locations.

h-c 11 minutes \$1.25

RED HEN (AB, Color)

The red hen slips away from the backyard flock and hides a nest under some bushes. Only the duck sees her go and discovers her secret. The eggs hatch and the red hen cares for her baby chicks.

p-i 11 minutes \$2.25

RED-WINGED BLACKBIRD (C, Color)

Two of these birds are followed through courtship, nest building, hatching and fall migration.

general 11 minutes \$2.25

REFINING OIL FOR ENERGY (SOC, Color)

Shows by animation, photographs and drawings the process of transforming crude oil into usable oils and gasoline. The terms distillation, alteration and purification are explained, showing how each is used in getting more and better gasoline and lubricating oil from the crude petroleum. The role of petroleum research is also shown.

j-h 22 minutes \$1.00

REFRACTION (UW)

The law of refraction is demonstrated and explained by the analogy of wheels, moving from a smooth surface into sand. Several examples of refraction are shown and explained. Critical angle and total internal refraction are demonstrated and explained. Their applications in the submarine periscope and binoculars are explained. The law and its application is summarized.

j-h-c 8 minutes \$1.25

REMEMBER THE ALAMO (EPC)

Depicts the trends and events which led to the Texas War of Independence, and which eventually brought the whole Southwest under the Stars and Stripes.

j-h 39 minutes \$4.00

REMEMBER THESE FACES (OWI)

The emotional impact of full color is employed to produce an unforgettable picture of the wounded in a great invasion of the Pacific. The camera follows the grim spectacle of wounded men from the front line to hospital ship and records the rapid transition from front-line casualties to men safe in the hands of modern medicine and with a fighting chance for recovery.

h-c 19 minutes \$2.00

RENAISSANCE, THE (C)

The Renaissance was more than an historical period. It represented a mental attitude and a human spirit. It is this spirit which the film evokes in a wealth of colorful, authentic images. From Galileo's telescope to Leonardo's notebooks, from the Medici Palace in

Florence to St. Peter's Cathedral in Rome, your students will experience something of the science, the literature, the arts, and above all, the driving spirit of human endeavor that gave us the Renaissance.

j-h-c-a 11 minutes \$1.25

RENAISSANCE ARCHITECTURE (UW)

Pictures the development of architectural form and line as illustrated in the renaissance castle of the Loire Valley of France.

h-c-a 20 minutes \$2.00

REPAINTING A FRAME BUILDING (Castle)

How to determine repairs needed on building before painting; how to estimate amount of paint to be used; how to prepare building for paint job; how to set up staging; how to prepare factory or home prepared paint; how to prime-coat; how to store paint and equipment; and how to care for brushes.

i-j-h-c 18 minutes \$2.00

REPORT FROM RUSSIA (OWI)

Is a story of and a tribute to the strength of Russia — her people. Produced by the Office of War Information this film tells of the courage, the energy, and the untiring effort of the Russians behind the front lines. It helps to explain the holding and striking power of Russia.

j-h-c 8 minutes Handling charge, \$2.00

REPORT FROM THE BEACHHEAD (OWI)

A stirring film showing the established beachhead at Anzio, the hardships endured — fighting, mud, guts, blood, and dying. It stresses the fact that no matter how costly, our own boys will fight and die until victory is won.

h-c 11 minutes Handling charge, \$2.00

REPORTS FROM AAF (OWI)

A report from Britain, showing the RAF and the Eighth Air Force on a hedgehopping bombing flight over France and Germany. Also included is the Fifth Air Force report from New Guinea, showing the Army Air Force maintenance and repair installation in Port Morsby, New Guinea. Featured are the ingenious tools and devices made by the Army Air Force G. I. maintenance crews from salvaged parts of disabled planes and jeeps.

h-c 10 minutes Handling charge, \$1.50

REPRODUCTION AMONG MAMMALS (EB)

Actual motion picture photography, microcinematography, animated drawings, and stop-motion are used in presenting the story of embryology. The domestic pig was selected for the purpose of illustration. The story

is fundamentally complete from the formation of the original male and female germ cells to the active newborn pig.

h-c 11 minutes \$1.25

REPULSION MOTOR PRINCIPLES (USOE)

Explains construction of repulsion motor; rotor circuits and effect of brush position; short-circuiting and brush-lifting mechanism; and applications of repulsion motors.

h-c-a 18 minutes \$2.00

RESCUE SQUADRON (McGH)

The story of the Air Rescue Service relates dramatic accounts of various air rescues, both military and civilian, in time of disaster.

j-h-c-a 17 minutes \$2.00

RESPECT FOR PROPERTY (C)

A boys' club house is broken into by a rival group and much damage is done. Through the guidance of a local policeman, the two groups of boys come to realize that personal property and public property should be respected.

i-j 11 minutes \$1.25

RESPECT THE LAW

(TFC, Restricted to Classroom Use)

A case is dramatized in which failure to respect the law places the burden of one man's selfishness on the shoulders of an entire community. The respected owner of waterfront properties is told that adequate rat-proofing of his properties will cost \$26,000. The owner bribes the city inspector to avoid this cost. Later, rats from incoming ships spread Bubonic Plague and many die. Both the culprits are apprehended and serve long prison terms.

j-h 20 minutes \$2.00

REST AND HEALTH (C)

Burning the candle at both ends — that was George lately. Training for the conference track meet, trying to keep those grades up, not getting enough sleep — even Sue was beginning to notice the change in him. But the coach succeeds in showing George the importance of enough rest and sleep, and their beneficial effect on every daily activity. The film explains the fundamental facts about rest and teaches students to build correct rest habits.

j-h 10 minutes \$1.25

RESTAURANT OPERATOR (VGF)

Four fundamental types of restaurants are illustrated and types of jobs indicated.

j-h-c 10 minutes \$1.25

RETRIEVERS AT WORK (Kraft, Color)

The following dogs are shown being trained and then as finished retrieving dogs—Black Labradors, Chesapeakes, Golden and Irish Water Spaniels.

h-c-a 11 minutes \$2.25

REWARD UNLIMITED (OWI)

Dramatized is the great need for Cadet Nurses. As Peggy Adams wanders down the street after saying goodbye to her fiancé who just left for overseas, she stumbles and falls down. The woman who dresses Peggy's knee has been a nurse for twenty years. She interests Peggy in the U. S. Cadet Nurses Corps. The film takes us through her training as a student nurse and shows the rewards that come from a war job well done.

j-h 11 minutes Handling charge, \$1.50

RHYTHM IN MUSIC (C)

Shows how rhythm is found within the individual, within his environment, and in music. Points out the variations in rhythm by accenting beats and by using longer and shorter beats. Shows also how melodies and rhythm are dependent on each other for support to culminate in music. Elementary grade orchestras are used in the film for rhythm demonstrations.

p-i 13 minutes \$2.00

RHYTHM—INSTRUMENTS AND MOVEMENTS (EB)

Demonstration of rhythm activities, showing how a second-grade class learns to make its own instruments and create its own rhythms after seeing Indian dances. The instructor helps the youngsters coordinate rhythmic sound with rhythmic movement.

p 11 minutes \$1.25

RHYTHM IS EVERYWHERE (M)

Everything that moves has rhythm. Tommy isn't aware of this but he is a small boy who can't help keeping time. On his way to school one day he meets a cow, a horse, a train, a caterpillar. His responses to the individual rhythms of each are musically and dramatically portrayed. The picture's musical score weaves together the various rhythms of the story. At school Tommy's teacher helps him to translate these rhythmic patterns into music, and with the teacher's encouragement the children of the class originate their own rhythmic games.

p-i-j 10 minutes \$1.25

RHYTHM ON BLADES

(TFC, Restricted to Classroom Use)

Pupils of Gustav Lussi, including Barbara Jones, Aileen Seigh, and Richard Button, demonstrate ice skating proficiency.

i-j-h-c-a 10 minutes \$1.25

RHYTHMIC EXERCISES (BFS)

Presents a group of junior high school boys illustrating rhythmic techniques, running through a series of exercises to a simple melodic background. Each element is then demonstrated in slow motion detail.

i-j-h 10 minutes \$1.25

RICE AND BULLS (ECA)

In the district of Camargue, France, the farmers have formed a cooperative that enables them, through E. C. A. funds, to improve the yield of their rice fields. American machinery was needed to flush fresh water from the Rhone into their paddies. A neighboring cattleman looks on in distaste until he discovers that the first rich harvest, as well as helping materially all his neighbors, has been important to him also.

j-h-c-a 17 minutes Handling charge, \$1.00

RICHES OF THE VELDT (UW)

You meet a typical family in the city of Johannesburg and see their way of life and surroundings. Through an intimate knowledge of these people, and of the life of other South Africans, their fabulous natural resources, their standards of living, there comes a clear understanding of African land and people with relation to the rest of the world. Also, the native culture of a Zululand kraal is contrasted with metropolitan Johannesburg.

j-h-c 20 minutes \$2.00

RIDING THE FILM (JH)

The problem of lubrication is dealt with in this motion picture. The film begins with a winter sport sequence showing how ice melts to form a lubricating fluid for skate blades. The limitation of water as a lubricant is discussed and the use of soap, wax, and tallow for lubricating purposes is shown.

Specifically, the picture deals with the problem of lubricating an automobile engine with oil. The value of oil as a lubricant is shown to be due to its ability to keep an unbroken film which holds sliding surfaces apart under varying temperatures.

We see that oil can be circulated through a machine by splashing, dripping or forcing it in a stream to the motor's various parts. Lubricating an automobile engine requires all of these methods. In real photography and animation we follow the path of oil from the pump to the main bearings, valves, connecting rods, and other working parts.

j-h-c 10 minutes \$1.25

RIGHT APPROACH (IFB)

Shows the importance of using the right opening to start a sale "flowing smoothly."

a 6 minutes \$1.25

RIGHT OF WAY (OWI)

Pictured in this film are a troop train, a freight train, and a truck rushing to a convoy scheduled to sail early the next morning, to deliver the goods on time. An explanation of why the civilian public must be inconvenienced at times in its traveling so that materials of war will not arrive too late is given.

h-c 7 minutes Handling charge, \$1.50

RIGHT OR WRONG (Making Moral Decisions) (C)

The aim of this film is to raise for reconsideration and examination the moral standards by which each person makes his own decisions. Harry is with a gang which is breaking windows at a warehouse and is recognized by the night watchman. Even though he did not himself break any windows he is taken to police headquarters. The moral decisions which follow—of the night watchman, Harry's mother, the police sergeant, the owner of the warehouse and a social service worker—are all presented in a manner which will enable the class to better understand and evaluate the making of moral decisions.

j-h-a 11 minutes \$1.25

RIKKI, THE BABY MONKEY (EB)

An afternoon with Rikki, a baby Rhesus monkey, in his jungle home. Shows Rikki with his mother being fed, watched over, and exploring the interesting world about him. Shows him in a variety of typical play antics with a young monkey friend and narrowly but safely avoiding trouble with an unfriendly snake.

p-i 11 minutes \$1.25

RING OF STEEL (OWI)

American soldiers are pictured as they are now, carrying on the traditions of past accomplishment. This patriotic film shows scenes of battlegrounds famous in American history and outlines the part the American soldier has played in the growth of the Nation. Commentary by Spencer Tracy.

j-h-c 10 minutes \$1.25

RINK, THE (BRF)

Presents Charlie Chaplin as a waiter who spends his lunch hour at the roller rink. Shows Charlie's agility and grace as he spins gracefully around saving one lady and causing others to tumble. Includes outstanding actors Edna Purviance, James T. Kelly, Eric Cambell and others.

general 20 minutes \$2.00

RIOT ON ICE (Castle)

Abbott and Costello at a resort that contains a skating rink.

general 10 minutes \$1.25

RIPPING AND CROSSCUTTING (UW)

How each working part of the variety saw functions; how to check saw blades; how to set the fence; how to protect one's self on the job; how to change saw blades; how to use a cutoff gage; and how to use a hinged block in crosscutting.

h-a 19 minutes \$2.00

RISE AND FALL OF NAZI GERMANY (MOT)

Beginning with the Saar plebiscite in 1935, the film shows how, in carrying out the evil doctrines first enunciated in the Nazi bible, "Mein Kampf," Hitler led the Third Reich to domination over 15 countries. And how the Nazi timetable of conquest was overturned only when the U.S., Britain and their Allies joined forces, bringing about the unconditional surrender of Nazi Germany on May 8, 1945.

The remaking of Germany into a self-supporting nation is a huge job of rehabilitation, and the film emphasizes the importance of training wisely those who were too young to have been corrupted by Nazism.

h-c 18 minutes \$2.00

RISE OF A DICTATOR

(TFC, Restricted to Classroom Use)

Traces the dictator's rise from an obscure corporal in the defeated German Army to absolute ruler of the Reich. Emphasis is upon the methods Hitler used to split the populace into helpless minorities, defeating them one by one; his utilization of "The big lie," intimidation through systematic terror; and control through Storm Troopers and the Hitler Jugend. Outstanding events in his career such as the Munich "Putsch," his incarceration in Landsberg Prison where he wrote "Mein Kampf," and the Reichstag fire are depicted.

h-c-a 30 minutes \$3.00

RIVER, THE (USDA)

The first section of this film shows shots of wooded mountain tops, the Rockies in the West and the Alleghenies in the East. Then the story of the Mississippi itself begins, dealing with various stages of the river's history beginning with pre-Civil war days. The third large section of the film shows the results of the heedless and planless exploitation of the rich river valley. There are scenes of the ill-clad, ill-housed people who live in this rich river valley. The final sequence discusses reconstruction and conservation.

j-h-c 30 minutes \$3.00

RIVERS OF THE PACIFIC SLOPE (C)

The story of these three river systems—the Columbia, the Sacramento and San Joaquin, and the Colorado—is the story of the uses to which man has put

these three Pacific slope rivers, adapting them to the special needs of the territory.

i-j-h-c 11 minutes \$1.25

ROAD TO BERLIN (OWI)

A Nazi submarine "wolf pack" racing to intercept a convoy carrying urgently needed supplies and the race against time by those who handle these supplies furnish the dramatic elements.

general 20 minutes \$2.00

ROAD TO GASPE (NFBC, Color)

American youth hostellers explore the picturesque Gaspé peninsula. Historic Quebec provides a jumping-off place for cyclists making this inexpensive tour of this part of Canada. After a visit to Cap des Rosiers lighthouse, they explore the country, the fisheries, famous Perce Rock, and Bonaventure Island, alive with sea birds. On a trip to the fishing ground, the hostellers see the colorful ceremony of the blessing of the fleet.

general 11 minutes Handling charge, \$1.00

ROADS SOUTH (OIAA)

Is an excellent study in contrast between primitive and ultra-modern types of transportation as they exist in the Latin Americas. The natural geographic obstacles to the development of an adequate transportation system and their effect upon the development of the economic and industrial life of those countries is vividly portrayed. Strong emphasis is given to the air-mindedness of South America. This is an excellent film for use in the study of transportation or of international relationship.

j-h-c 20 minutes \$2.00

ROBIN (HNP, Color)

Instructive and amusing story of the life of our commonest thrush presented in authentic color and song.

i-j-h 10 minutes \$2.25

ROBIN RED BREAST (EB)

This is a complete dramatic story of a robin family, from the time father and mother robin build their nest until the baby robins are old enough to take care of themselves. The story begins in early spring. Father and mother robin are shown gathering materials for the nest. After the nest is completed and mother robin has laid her eggs, father robin helps to keep the eggs warm, and feeds the mother on the nest. The development of the young in the nest is fascinating to watch. During this period, the story alternates between comedy and tragedy. A wandering cat is chased away by the parent birds. The calls and notes of the birds enhance the charm of the film.

p-i 11 minutes \$1.25

ROBINSON CRUSOE MICKEY (HFE)

Mickey Mouse encounters cannibals in his role of Robinson Crusoe.

general 11 minutes \$1.25

ROCKY MOUNTAIN TROUT (NFBC, Color)

This is about fish and fishing in the Canadian National Parks. Fishermen find the lakes and streams of Canada well stocked with trout, and no wonder, since the government maintains fish hatcheries and scientific surveys to investigate fish life and make certain that the waters of Canada are well filled with healthy, large-sized trout. The film shows fishermen in action, and the functioning of the hatcheries in providing ample fish for the sport of Canadian National Park tourists.

general 13 minutes Handling charge, \$1.00

ROCKY MOUNTAINS — CONTINENTAL DIVIDE (AB, Color)

Emphasizes the extent of the Rocky Mountains, shows characteristic geological formations, and points out how the forces of volcanic action, glacial erosion

Art of Teaching

BROADER CONCEPT OF METHOD,

PARTS I AND II

A CHILD WENT FORTH

DESIGN OF AMERICAN PUBLIC EDUCATION

MAINTAINING CLASSROOM DISCIPLINE

SCHOOL AND COMMUNITY

WHAT GREATER GIFT

WHO WILL TEACH YOUR CHILD



and running water formed and modified the mountains. Trees, flowers and animals of the Rockies are included.

j-h-c-a 21 minutes \$3.00

ROLE PLAYING IN HUMAN RELATIONS (NEA)

Demonstrates, within a group, the spontaneous enactment of human relations situations as an educational method—how discussion after a role-playing scene helps a committee learn ways in which it might have worked together better as a group, how to use the “soliloquy” or the “commentator” as ways of uncovering and understanding interpersonal relationships with a group, how to make the best use of a resource person, and how to gain confidence in human relations skills by first using role-playing as a practice method. Also develops the skills required to use role-playing—how to take an inventory of problems, how to select one problem upon which the group agrees to work, how to find a real-life example of the problem, how to set up, get under way, and stop a role-playing scene demonstrating the problem, and how to lead the discussion after the role-playing.

c-a 25 minutes \$2.00

ROMANCE OF LOUISIANA

(TFC, Restricted to Classroom Use, Color)

Is the story of the Louisiana Purchase.

Jefferson's congress passes a bill to purchase Louisiana at a price not to exceed two million dollars. But before leaving for France, Monroe is secretly advised that he may go to ten million.

Monroe sails for France to deal with Napoleon, who needs money to wage war against England. The deal is finally closed for fifteen million; ratification takes place December 20, 1803. We see the ceremonies in New Orleans as the French officials retire. Though parts of the story may have been fictionized, on the whole it presents an accurate picture of the motives impelling France to agree to the sale.

j-h-c 20 minutes \$3.00

ROMANCE OF RADIUM

(TFC, Restricted to Classroom Use)

In Paris, over 40 years ago, a man named Becquerel experiments with stones that have been exposed to the light. He attempts to capture on sensitized copper plates any rays which might be thrown off from them. Failing, he throws them in a drawer. Later he discovers that the plate on which a pitchblende stone has been resting shows results. After further experiments he enlists the aid of the Curies who isolate the potent substance from the pitchblende. By accident they learn that further purification increases the potency of the substance.

Becquerel takes it to London to show scientists there and becomes ill from association with it. When he

suddenly regains his health, it is discovered that radium has curative as well as destructive properties.

We see the dramatic discovery of pitchblende deposits in the Belgian Congo. White men discover that natives have buried a badly wounded boy up to his neck in mud. They are amazed to find this works a magic cure. Analysis of the mud reveals pitchblende richer than any known until now.

The commentator gives informative data regarding radium and present-day sources of pitchblende. We see a close-up of the glow from a pellet of radium.

j-h-c 11 minutes \$1.25

ROMANCE OF ROBERT BURNS

(TFC, Restricted to Classroom Use, Color)

A story woven about the episodes in the life of Robert Burns, with musical accompaniment including the songs “Auld Lang Syne” and “Flow Gently, Sweet Afton.”

i-j-h-c-a 17 minutes \$3.00

ROMANCE OF RUBBER (“SPEAKING OF RUBBER”) (USAC)

A retired employee tells his grandson about rubber, the people who make rubber goods, the industry and the nation which makes this production possible. Includes scenes of rubber plantations, synthetic rubber plants, manufacturing processes, and laboratory testing.

i-j-h-c-a 27 minutes \$3.00

ROME — CRADLE OF CHRISTIANITY (ICS)

Ancient and modern glories of this immortal city are shown in this subject. Among these are Hadrian's tomb, the ancient Capitol, Marcus Aurelius' statue, the Colosseum, St. Peter's, New Mussolini Forum, Trevi Fountain, and excavated masterpieces of ancient empire.

i-j-h 11 minutes \$1.25

ROME — ETERNAL CITY (EB, Color)

Concentrating primarily on extant ruins, statuary, architecture and the art preserved in St. Peters, this film highlights important aspects of the significance of Rome through the ages. An original musical score contributes to mood and atmosphere in keeping with the overall interpretive quality of the film. Technicolor photography achieves a richness of presentation which is essential to the theme. The film might be described as a “camera portrait” of the past and present glory of Rome.

j-h-a 11 minutes \$2.25

ROMEO AND JULIET

(TFC, Restricted to Classroom Use)

Is a classroom version edited from the feature picture produced by Metro-Goldwyn-Mayer in 1936. This edition limits itself to those sequences which deal di-

rectly with the love story of Romeo and Juliet from the time the two families, the Montagues and Capulets, enter the cathedral in Verona, through the first meeting of Romeo and Juliet at the Capulet ball, through the final scenes at Juliet's tomb. All the leading characters are shown sufficiently to establish their proper role in the play and most of the well-known classic lines have been included. Leslie Howard plays Romeo and Norma Shearer is Juliet.

j-h-c 40 minutes \$4.00

ROOM FOR DISCUSSION (EB)

Develops an understanding of the process of discussion and a desire to participate in it. Emphasizes that discussion is the privilege and responsibility of all citizens living in a democracy.

c-a 25 minutes \$3.00

ROOT DEVELOPMENT (UW)

The use of microphotography, speeded up 30,000 times, reveals details of root structure and growth. Animated diagrams show moisture absorption. Elaborate mechanisms of roots are seen in action and sensitivity of the root tip is demonstrated.

j-h-c-a 9 minutes \$1.25

ROOTS OF PLANTS (EB)

The various forms of plant roots are first presented. Then time-lapse and microphotography are employed frequently in the remainder of the picture to bring out the interesting processes of growth, structure and other characteristics. The functions of the root-cap and the root-hairs are vividly presented. An experiment in osmosis is demonstrated and carefully explained, followed by animation of water absorption by the roots.

h-c 11 minutes \$1.25

ROSAMUNDE (OF)

Overture by National Philharmonic Orchestra. Camera moves from place to place showing the work of the director, various instrument groups and individual players.

j-h-c 11 minutes \$1.25

ROSE BOWL GAME OF 1952 (UI, B&W, Color)

Every exciting play of Illinois' 40 to 7 conquest of Stanford in the 1952 Rose Bowl Game. Johnny Karras, Bill Tate, and Tommy O'Connell carry the Illini offense. See Chuck Boerio's great line-backing and watch Bill McColl, giant Stanford end, in action.

general 30 minutes Sound B&W print \$3.00
Silent Color print \$4.00

ROTATING MAGNETIC FIELDS (UW)

Explains how the stators of electric motors are wound in order to produce rotation of the motor shaft.

Shows the magnetic principles behind the motor and animated drawings illustrate the way in which these principles are applied in the motor.

h-c-a 13 minutes \$2.00

ROUGH FACING, TURNING AND DRILLING ON THE VERTICAL TURRET LATHE (USOE)

The operations used in rough facing, rough turning, and drilling an aluminum casting held in the chuck jaws of a vertical turret lathe are demonstrated. The table with its combination chuck, and the main turret head are demonstrated while machining a rough aluminum casting. Centering the casting on the table, tooling the vertical head for facing, turning and drilling, are shown in detail. The clutch, the vertical and horizontal traverse and feeds, the index dials with their reference clips, and the transmission levers are shown and their function demonstrated. The necessity for safety in dress and work, checking the lubrication system of the machine, and for keeping work and table free from dirt and burns is emphasized.

h-c 33 minutes \$3.00

ROUND SOUTH AMERICA (PAA, Color)

A trip by air to major cities and scenic points from the Panama Canal to Buenos Aires.

i-j-h-c-a 57 minutes \$8.00

ROUND TRIP (IFB)

This is a warm, human portrayal of America's stake in world trade. It is shown how this trade contributes to higher standards of living and to peaceful relations with other countries.

general 20 minutes \$2.00

RUBY-THROATED HUMMINGBIRD (C, Color)

Shows tiny unhatched egg and just hatched bird and many other events in the life of this small, fast-moving bird.

general 10 minutes \$2.00

RULES AND LAWS (EB)

Designed to help boys and girls understand the purpose of laws in our society, this film demonstrates that laws in the community are like rules in children's games. A group of youngsters is first brought to realize that having rules and abiding by them makes playing together enjoyable for all. Then they consider certain specific laws which have benefited the people of their community — thus making community life more enjoyable to all.

i-j 14 minutes \$2.00

RUMPELSTILTSKIN (C)

Employs delightful puppets created especially for films to present an unusual version of this well-known

fable of the strange little man who lost his temper. Teaches that "we lose ourselves" when we lose our temper. Other fantasies in this series are: Cow and the Sprite, Honest Woodsman, The Legend of the Pied Piper, King Midas and the Golden Touch.

general 11 minutes \$1.25

RUMPELSTILTSKIN (EB)

A young queen promises to give her first child to a dwarf who has helped her spin straw into gold at the king's demand. When the time comes, she begs the dwarf not to take her child. The dwarf agrees, but only if she can guess his name. When all other names fail, the palace gardener tells her the correct one—Rumpelstiltskin—and the wicked dwarf disappears forever.

p 9 minutes \$1.25

RURAL ENGLAND

(TFC, Restricted to Classroom Use)

A picture of an English countryside which shows life in a rural village.

j-h-c 9 minutes \$1.25

RURAL LIFE OF MEXICO (C, Color)

Camera scenes from deep in rural Mexico of primitive agricultural practices, home life, costumes, and traditional dancing.

general 10 minutes \$2.25

RURAL REDEVELOPMENT (EB, Color)

A forceful reminder of our ultimate dependence on the resources of America's land, forests, and rivers. Documents some of the tragic consequences of our neglect of these resources and carefully reviews proposed programs for redevelopment.

h-c-a 20 minutes \$3.00

RUSSIA AT WAR (MOT)

Presents the U.S.S.R. in terms of her war effort against Germany in World War II. Shows Moscow and the eastern limits of the German invasion, gives an idea of the size of the country, shows Russia industrialized for war, women taking men's places, and how the Germans started on the downward path as the Russians counter-attacked.

c-a 17 minutes \$2.00

SACRIFICE OF ISAAC (HFE)

It tells that Abram has a vision telling him to offer his first-born son on the altar. This is a custom ab-

horrent to him, but his absolute belief in God leads him to follow the vision. When the sacrifice is about to be made, the Lord indicates that Abram is to sacrifice a goat instead.

c-a 11 minutes \$1.25

SADLER'S WELLS BALLERINA (McGH, Color)

Deals with the younger, experimental group of the Sadler's Wells ballet, centering around Patricia Miller, a young ballerina about to make her debut in Ravel's "Beauty and the Beast." The life of the closely-knit community of artists, rehearsals, and parts of an actual performance are seen.

h-c-a 12 minutes \$3.00

SAFE DAY, A (JH)

Deals with the case of Bill Jones, a workman with a great safety record. We see him setting good examples for safety throughout his whole day—in everything he does. His safety record is not based on luck, but on constant thinking about safety. In this picture—with its unusual story—Bill Jones takes on many jobs and comes through them all without injury because he lives a safe day. This is an excellent way to establish safety practices through example.

h-c 11 minutes \$1.25

SAFE DRIVING: ADVANCED SKILLS AND PROBLEMS (C)

Their vacation trip takes Tom and his father into mountain and desert country where they meet problems such as driving on hills, in fog, in rain, on snow, on ice, through hot stretches, and at night. The best procedures for handling these advanced driving problems are demonstrated.

j-h-c-a 11 minutes \$1.25

SAFE DRIVING: BASIC SKILLS (C)

Tom has just finished his driver training course, and his father takes a ride with him to check his ability before he takes his test for an operator's license. Very careful, detailed explanation of starting, making turns, parking, starting on hills.

h-c 10 minutes \$1.25

SAFE DRIVING: STREETS AND HIGHWAYS (C)

Tom and his father start on their vacation trip with Tom driving. Problems of city, suburban, and highway driving that arise are used to explain the principle of "driving ahead." Some of the specific problems and skills shown are: series signals, lanes, railroad crossings, passing, curves, and traffic circles.

j-h-c-a 11 minutes \$1.25

SAFE LIVING AT HOME (C)

A family preparing to welcome home a new baby show that safety is a family concern, and how good housekeeping, thinking of the safety of others in the family, and being safe by being skillful help keep the home safe. Activities for classroom safety practices are suggested.

i-j 10 minutes \$1.25

SAFE LIVING AT SCHOOL (C)

Ted and Ruth are elected to the Junior Safety Council. We go with them on a "safety tour" to see the safety features of their school and to learn what students can do at school to live safely. With emphasis on three basic safe living principles: courtesy, good housekeeping, skillful and correct actions.

p-i-j 10 minutes \$1.25

SAFE LIVING IN YOUR COMMUNITY (C)

The need for carrying into the community safety practices learned at school is dramatized as the school safety council discovers that school rules of good housekeeping, good citizenship, and good safety practices will keep the community safe.

i-j 11 minutes \$1.25

SAFE SWIMMING (GPP)

An appeal to youngsters to swim in supervised places where there is life-guard protection rather than in the treacherous unsupervised areas. Health information is combined with the appeal to safety. It is explained that man is not naturally an aquatic animal and recommendations are made as to proper breathing in the water, protection for the ears and nose, and other safeguards. Further, from the health standpoint, the contrast between the bacterially safe water in the well-managed, supervised place and the water in rivers, streams, pits, and other unsupervised areas is shown.

i-j-h-a 10 minutes \$1.25

SAFE USE OF TOOLS (C)

Designed to help teach children the safe handling of ordinary tools, such as scissors, knives, hammers, saws, files and similar tools in the home and elsewhere.

p-i-j 10 minutes \$1.25

SAFETY BEGINS AT HOME (YA)

Bill, walking across his yard at home, has to be as careful as Daniel Boone was in the forest. There are many ways in which accidents can happen at home, and the film shows how to avoid many of them — how to handle knives, how to use ladders for places you can't reach, keeping stairs clear and marking the last step so you'll know when you've reached the bottom.

At the end, the narrator of the film asks questions which help fix main safety points of the film in the minds of the audience.

i-j 9 minutes \$1.25

SAFETY IN THE CHEMISTRY LABORATORY (IU)

Presents basic safety rules as high school students perform simple experiments. The use of laboratory aprons, safety goggles, and the laboratory manual is shown and explained. Also pictured in this sequence are such safety measures as the necessity for following directions, reading carefully the labels on bottles, the use of a fume hood, and the avoidance of tasting chemicals.

h-c 15 minutes \$2.00

SAFETY IN THE HOME (EB)

Was designed to show the importance of safety in the home. A dramatization showing how the Davises, an average American family, carry out a safety program in the home. Every object has its place; junior hands knife with blade away from receiver; handrail placed by stairs; rubber toys chosen for safety; nonslip material under rugs; metal screen is put before the fireplace; light switch situated near doorway; rubber mats and handholds for the bathtub; medicine cabinet placed out of reach of children; safety can opener in the kitchen; cracked and chipped dishes and glassware are thrown away. The commentator closes with the statement: "The home should be a haven of safety."

i-j-h-c 11 minutes \$1.25

SAFETY IN THE SHOP (USOE)

Dramatizes typical shop accidents and shows how poor supervision or inadequate training may be the real cause behind them.

Emphasizes the supervisor's responsibility in teaching and maintaining safe practices in the shop.

a 12 minutes \$2.00

SAFETY IN WINTER (C)

A number of youngsters demonstrate that being "weather-wise" in winter means being alert to special seasonal dangers of falling, traffic, sickness. Having fun by safe sledding, snowballing, and ice-skating is illustrated.

p-i-j 11 minutes \$1.25

SAFETY ON THE PLAYGROUND (EB)

Centering around the activities of an active youngster, this film illustrates good habits of playground safety. Live action photography and clever animated drawings portray safe practices in catching and batting

softballs, and playing on seesaws, slides, and swings. The film emphasizes that consideration for others on the playground results in a good time for all.

i-j 14 minutes \$2.00

SAFETY ON THE SCHOOL BUS (YA)

Designed to promote greater safety on the part of those who ride the school bus. Demonstrates safe practices for all school bus riders, both on and off the bus, with emphasis on safe conduct on the bus.

i-j 11 minutes \$1.25

SAFETY ON THE STREET (EB)

There is a contest between Fred and Judy for one open place on the school safety patrol. They demonstrate what they know about safety—crossing only at corners, not dashing out from between parked cars, looking before stepping off curbs, and other “common sense” rules for safety. The contest ends in a tie, and both are put on the safety patrol.

i 11 minutes \$1.25

SAFETY TO AND FROM SCHOOL (YA)

How and where to cross the street safely is explained. A class practices crossing streets in a blocked off area with simulated traffic conditions and two children cross alone where they must rely on their own observation.

p 10 minutes \$1.25

SAFETY WITH EVERYDAY TOOLS (C)

By observing a boy and girl in an average day's activities—correctly using scissors, pocket knife, kitchen utensils, a saw and numerous other everyday tools—youngsters learn the meaning of three safety rules: keep tools neatly, use the right tools, and use tools correctly.

p-i-j 11 minutes \$1.25

SAILING A TOY BOAT (EB, Color)

Frank is thrilled over the bright new toy sailboat his father has given him. He learns how to set the rudder, so that his boat will come back to him when it sails far out on the pond. Jean's doll is the boat's passenger. When the waves wash her overboard, it is brave Penny who swims to Dolly's rescue and brings her safely back to Jean.

p 5 minutes \$2.25

SAILING IN CANADA (NFBC, Color)

The thrill of sailing as it is enjoyed in Canadian waters from the Atlantic to the Strait of Georgia. To the rollicking accompaniment of sea chanties, the film takes us cruising up the St. Lawrence, on the Great Lakes, in Muskoka waters, on Lake Winnipeg and off

Canada's Pacific coast. Popular types of sailboats are shown in action, and we catch glimpses of famous races.

general 11 minutes Handling charge, \$1.00

SALMON RUN (NFBC, Color)

Shows the salmon industry of British Columbia and the state of Washington, with particular emphasis on the life cycle of the Sockeye salmon, its spawning habits, and conservation measures.

j-h-c-a 21 minutes \$3.00

SALMON STORY (EB)

After portraying basic stages in the life cycle of the salmon, the film calls attention to the steps that are taken by modern fish hatcheries to insure a continuing supply of this important food fish. Various methods of catching salmon, both traditional and modern, are shown—the “purse seine” method is featured as the one most commonly in use today. Following the catch from the sea to the cannery, the film depicts canning operations including cleaning, scaling, removing of heads, canning, cooking, and final preparation for shipment.

p-i 11 minutes \$1.25

SALT OF THE EARTH (Castle)

Depicts life and activities on the farm, its hardships and compensations.

h-c-a 18 minutes \$2.00

SALT WATER WONDERLAND (SF, Color)

Photographed by Winthrop P. Moore at the Marine Studios in Florida. Pictures the color and spectacular action of marine life around a coral reef. Closeups of weird sea monsters, polyps feeding, octopi, barracuda, porpoise, etc.

i-j-h-c-a 9 minutes \$2.25

SAMPAN FAMILY (BFS)

Presents the story of families who live and make their living aboard the small Chinese river boats known as sampans. Pictures the Ling family as they work together doing fishing activities, housekeeping chores, preparation of food, sewing of children's clothing, drying of nets and the rowing of the boat to the night's anchorage.

j-h-c-a 16 minutes \$2.00

SAN FRANCISCO (RKO)

The cosmopolitan character of the far west metropolis is shown in all of its fascinating detail.

general 18 minutes \$2.00

SAND AND FLAME (USBM)

Shows how sand is transformed into glass of a number of different shapes and kinds. A sequence touches

on the development of glass making and the art of the early glass blower. The greater part of the picture is devoted to picturization and voice description of the manufacture of glass articles in common use today.

j-h-c 20 minutes \$2.00

SANDY STEPS OUT (SF)

This was selected by Film News as the outstanding children's film of the year. It is a nature study film, designed to familiarize children with chickens, ducks, lambs and other animals of the farm and countryside. It is a particularly good film for youngsters who seldom see country or farm life.

p-i 10 minutes \$1.25

SANTA AND THE FAIRY SNOW QUEEN

(EB, Color)

The Fairy Snow Queen gives life to Santa's dolls on Christmas Eve. Jack-in-the-box, Toy Soldier, Musical Doll, and other dolls dance and sing for Santa to the music of Tchaikovsky's "Nutcracker Suite" and "The Sleeping Beauty." Snoopy the Brownie tells us that he visits toys every night to see if they're being well treated by the children who own them.

p 26 minutes \$4.00

SANTA CLAUS IN HIS WORKSHOP

(COFC, Color)

Santa Claus finishes his last toy, calls his reindeer, and sets off. There is a beautiful background of Christmas choral music.

general 2 minutes \$2.25

SANTA CLAUS PUNCH AND JUDY (Castle)

A special Christmas version of the puppet classic with Santa Claus as the master of ceremonies.

general 11 minutes \$2.00
(one day only)

SANTA IN ANIMAL LAND (Castle, Color)

The animals are grieved because there is no Santa for the animals. Two of them go to find Santa. Santa appoints Kitty Cat as Santa for animals. Kitty comes down the chimney with presents for all the animals and they are happy to find that there is a Santa for animals.

p 10 minutes \$2.25 (one day only)

SAO PAULO (OIAA)

An interesting study of progress in Brazil's second largest city, one of the fastest growing cities in the world, is pictured. Here we see a cross-section of the modern South America with its busy industry, its growing commerce, its beauty of art and architecture, and its up-to-date trends in education.

j-h-c 20 minutes \$2.00

Fables

THE HONEST WOODSMAN

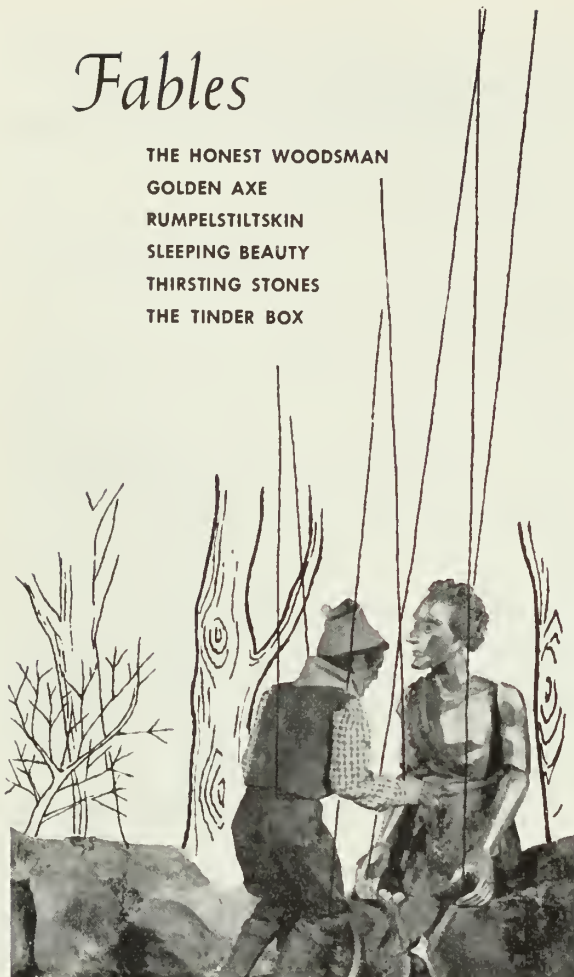
GOLDEN AXE

RUMPELTILTSKIN

SLEEPING BEAUTY

THIRSTING STONES

THE TINDER BOX



SATURDAY SPECTACLE (UI, Color)

The University of Illinois band is as much a part of the Saturday afternoon fall spectacle as the football team itself. The film shows color scenes of many of the Football Band's most famous formations over the past years.

j-h-c-a 30 minutes \$4.00

SAVE MORE LAMBS (USDA)

Many lambs are born dead or die shortly after birth. This can be prevented, in many cases, by good care of pregnant ewes. A balanced diet is very important, as well as some degree of isolation from the rest of the flock. Film shows some abnormal positions of unborn lambs in the uterus and how the shepherd can assist in such cases. Care of the lambs after birth is also shown.

h-c-a 10 minutes \$1.25

SAVE THAT SOIL (API, Color)

Depicts the early South, the results of the one-crop system, and the reclamation and conservation of

Southern soils through the use of legumes and modern methods of soil management.

h-c-a 28 minutes Transportation charges

SAVE THE SOIL (USDA)

A good general presentation of the problem of soil conservation.

h-c 11 minutes \$1.25

SAVE THOSE TEETH (EB)

Emphasizes the importance of proper cleansing in the care of teeth, and illustrates how the teeth are affected by excessive use of refined sugar. Identifies the kind of bacteria that change sugar to acid in the mouth. Demonstrates the use of fluoride solution in the prevention of tooth decay and prescribes specific rules to be followed in the care of teeth.

p-i-j 10 minutes \$1.25

SAVING THE GARDEN CROP (USDA)

In the opening scenes of this film, we find Mother and Father, Judy and Jimmy deep in the study of seed catalogs, preparatory to planting their victory garden. The picture then passes quickly to the happy harvest time and takes up how the produce is stored for use during the winter months.

j-h-c 11 minutes \$1.25

SAVIOR IS BORN, THE (FOUF, Color)

The familiar Christmas story: the prophesy of Micah, the journey to Bethlehem, and the conspiracy of Herod. Costumes and settings are good. The Shepherds and Wise Men are portrayed as arriving at the stable simultaneously. All ages will find the film interesting, if not inspiring. May be used in church and church schools to supplement study of the life of Christ.

general 30 minutes \$4.00

SAWDUST SIDELIGHTS

(TFC, Restricted to Classroom Use)

These are scenes at Ringling Brothers-Barnum and Bailey Circus winter quarters at Sarasota, Florida.

With the approach of spring, the trucks that transport the animals are given new coats of paint, their decorations and wheels freshly trimmed and striped. Animals are trained for their acts.

Performers rehearse on slack wire and trapeze. We see close-ups of attendants sawing and filing the toes of the elephants. The scene shifts to the railroad yards in a Pennsylvania town. The circus is unloading for a one-day stand. The wagons pass through the streets. We hear the barker's cries, are shown the circus tents ready to receive the public.

p-i-j 10 minutes \$1.25

SAWING TEMPLATE METAL (UW)

How to use a job selector chart for width, pitch, set of teeth, and speed; how to identify raker, wave, and straight teeth; how to mount a saw blade on a band saw; how to select and adjust blade guides; how to saw to a layout line; how to chew out metal from a notch; and how to remove burrs.

h-a 17 minutes \$2.00

SCANDINAVIA: NORWAY, SWEDEN, DENMARK (EB)

Portrays the Scandinavian countries as an important region of northern Europe and illustrates their distinctive way of life. Shows ways in which the physical geography of the region influences the economic activities of the people. Illustrates typical features of the daily lives of three representative Scandinavians: a Norwegian ship's officer, a Danish farmer, and a Swedish shipyard worker. Depicts ways in which they have succeeded in wresting a modest prosperity from a region of relatively limited natural resources and suggests some of the contributions which the Scandinavian people have made to the world.

j-h-a 16 minutes \$2.00

SCHOOL ACTIVITIES AND YOU (C)

A high school girl is planning her school activity program. Through the advice of her older brother, she learns the importance of choosing activities for their values by considering what she can learn, what her interests are, how much time she can give, and how to arrange a well-balanced program.

j-h 11 minutes \$1.25

SCHOOL AND COMMUNITY (McGH)

Addresses itself to the problem of the wall of separation between many schools and their community, and the losses which both thereby suffer. Teachers, parents, school officials, and all citizens share responsibility for these poor conditions. Shows the benefits which both the school and the community obtain when they cooperate.

c-a 14 minutes \$2.00

SCHOOL BUS OPERATION: BUS CARE AND MAINTENANCE, PART I (UW)

The importance of daily and weekly maintenance checks and the points to be checked: how to start, steer, and stop the bus; how to double clutch; and the importance of safe driving habits.

h-a 13 minutes

SCHOOL BUS OPERATION: PASSENGERS — DRIVING HAZARDS — SAFETY, PART II (UW)

Emphasizes the driver's responsibility for the safety of child passengers and shows, thru several typical situ-

ations, safe driving habits and safety in handling children in getting on and off the bus.

h-a 14 minutes

SCHOOL BUS SAFETY (VDE)

Shows school bus operation and maintenance, emphasizing the correct use of school bus safety patrols.

p-i-j-h 22 minutes \$2.00

SCHOOL DAYS OF JAPAN (ASFL)

Vocational training, physical culture, and eradication of illiteracy are the aims of schools in Japan. This film takes us on a short inspection tour of small and large schools both in agricultural, fishing, and industrial centers. The customs and religion of the Japanese people are reflected in this school film.

i-j-h-c 10 minutes \$1.25

SCHOOL HOUSE IN THE RED (EB)

Contrasts the activities of a typical one-room school with those of a consolidated school and shows how one community group went about solving the question of what would be best for its children.

j-h-c-a 42 minutes \$4.00

SCHOOL IN CENTERVILLE (NEA)

Shows how education in rural schools can be geared to the problems of learning to live in the community. Seventh grade classes are seen in action at a model school in rural Virginia. Students are at work on projects which relate both to their need for knowledge and to the future roles they will take in the community they live in. The three R's aren't neglected but are integrated into meaningful study and activity.

c-a 20 minutes \$2.00

SCHOOL IN COLOGNE (BIS)

German children are going back to school. Despite overcrowding and lack of equipment and teachers, the schools in the British Occupation Zone are open and doing as good a job as possible. Conditions depicted here are typical of both British and U.S. Zones in Germany. In this film a young German child tells what is being done to help under such apparent difficulties.

h-c 15 minutes \$2.00

SCHOOLS MARCH ON (MOT)

The story of what happened in Woodford County, Ill., when out-moded one-room schools were eliminated by reorganization and consolidation—resulting in larger units of well-equipped and well-staffed schools. Through the efforts of local educators and interested citizens, the children of this community are being prepared to face the citizenship tasks of tomorrow.

c-a 18 minutes \$2.00

SCHOOLS OF MEXICO (C, Color)

A film view of educational institutions from the modern Ministry of Education in Mexico City to remote one-room adobe schools in the rural interior.

h-c 10 minutes \$2.25

SCHOOLS TO THE SOUTH (OIAA)

An inside view of the Latin American schools is seen in this film. It shows how anxious they are to improve their educational system.

j-h-c 11 minutes \$1.25

SCHUMANN STORY — SONG OF LOVE (TFC, Restricted to Classroom Use)

The heartwarming story of Robert Schumann's immortal compositions and the devotion of Clara, his wife, is told in this excerpt from the feature photoplay.

Although Schumann won limited recognition in his lifetime as evidenced in the film by the approval of Liszt, his contemporary, and Brahms, his pupil, he had to struggle to support his large family. Despite his objections, Clara resumes her concert career, aiding him financially and enabling him to devote himself to his composition.

In her concerts she plays numerous selections from his works including "Traumerei," "Dedication," and "Carnivale."

As conditions improve for the Schumanns, the mental illness, which beclouded the close of Robert's life, afflicts him. Following his death, Clara dedicates herself to winning recognition of his genius.

h-c-a 33 minutes \$3.00

SCIENCE AND AGRICULTURE (EB)

Reveals the interdependence of science and agriculture in modern life. It describes the soybean's characteristics and problems of its cultivation and harvest. Preparation and use of soybean by-products in home and industry are treated.

j-h-c 11 minutes \$1.25

SCIENCE AND SUPERSTITION (C)

A changing point of view in the philosophy of science education is reflected in this film. It is intended to teach pupils how to use the scientific method in thinking.

i-j-h-c 11 minutes \$1.25

SCIENCE AND WOOD UTILIZATION (C, Color)

How research in the Forest Products Laboratory is helping conserve our forest products and finding uses for wood wastes.

j-h-c 5 minutes \$2.25

SCIENCE IN THE ORCHESTRA (McGH) PART I HEARING THE ORCHESTRA

The London Symphony Orchestra conducted by Muir Mathieson demonstrates the nature of sound. A group of boys and girls assist in the demonstrations and experiments. Animation and various pieces of laboratory equipment aid the orchestra in demonstrating that sound is produced and propagated by vibration. An examination of the human ear and how it functions shows how we hear.

i-j-h 13 minutes \$2.00

PART II EXPLORING THE INSTRUMENTS

Muir Mathieson conducting the London Symphony Orchestra uses the orchestra and animation to show how sound vibrations are produced in persuasion, string, wood wind, and brass instruments. The tone range of various instruments is heard and shown on a large illuminated staff.

i-j-h 13 minutes \$2.00

PART III LOOKING AT SOUNDS

Through the use of the audiospectrometer Muir Mathieson and the London Symphony Orchestra show how different instruments sounding the same fundamental tone produce sounds differing in quality. Through demonstration the meaning of quality, fundamental and harmonic, is made clear.

i-j-h 12 minutes \$2.00

SCIENCE SPINS A YARN (AVC, Color)

Indicates how the expansion of any industry has important effects on purchasing habits, employment, and other fields of human endeavor. As rayon is used in more types of fabric than any other fiber, information about our first man-made fiber and the rayon industry has broad interest. Dramatized historical scenes are effectively interwoven into the theme which is laid in a modern research laboratory.

h-e-a 23 minutes \$1.00

SCIENTIFIC METHOD, THE (EB, Color)

Dramatizes steps in the process of thinking known as the scientific method. Explains the principles of thought employed by all scientists and illustrates the utilization of these principles in everyday living.

j-h 12 minutes \$3.00

SCOTLAND: BACKGROUND OF LITERATURE (C)

Helps students understand that rugged country so they can better appreciate the spirit that springs from the land — Scotland's proud, impetuous romanticism — the inspiration of men like Scott, Burns, Stevenson, and Daniel Defoe.

j-h-c 11 minutes \$1.25

SCOTTISH UNIVERSITIES (BIS)

For five centuries, St. Andrew's, Glasgow, Aberdeen, and Edinburgh have served the youth of Scotland and of the world. The film tells the story of the foundation and growth of these universities, and surveys the current problems of maintaining a very high standard of learning in spite of heavy overcrowding.

e-a 22 minutes \$2.00

SCOUT TRAIL TO CITIZENSHIP (BSA)

Portrays scouting with the boy from nine to Senior scouting, and carries the program into the home, the farm, the city, the school, industry and the church. The advancement program is represented by a Boy Scout climbing a hill trailing the Eagle. The picture is recommended for introduction to the future of scouting.

i-j-h 24 minutes \$2.00

SCREEN ACTORS (MGM)

Contains no acting — presents the screen actors as individuals, as property owners, as tax payers, and as citizens of the picture-making community called Hollywood. They are seen in their homes living their private lives and meeting the problems of everyday life.

j-h-c-a 11 minutes \$1.25

SCREW DRIVERS AND SCREW JAYS (SOC)

Shows the poor driver, "Mr. Anybody," performing feats of poor driving that, while comic in presentation, point out the dangers of such driving. The common faults such as double-parking, weaving in and out of traffic, and passing on the wrong side are covered. Also included is a sequence showing the careless pedestrian and the danger to which he is subject.

h-e-a 12 minutes \$2.00

SCREWBALL, THE (CASTLE)

Woody Woodpecker goes to a baseball game.

general 8 minutes \$1.25

SCROOGE (UW)

An interesting and somewhat different characterization of Scrooge by Allstair Sim. Parts are excerpted from the Dickens' story.

general 10 minutes \$2.50

SEA, THE (TFC, Restricted to Classroom Use)

Shell-less marine worms crawl among the marine plants, their prominent gills projecting from the tops of their bodies. Crabs, bearing plant camouflage, creep about. One of them tears off a piece of its plant disguise and eats it. Sea anemones open and close their tentacles. One stings a small eel and uses all its tentacles to push its prey into its stomach for digestion.

Sea urchins appear, and a hermit crab hunts for a new shell, trying to fit himself into several before finding one that suits. Barnacles wave their tentacles in an endless effort to seep food into their mouths. An octopus escapes from a crab by clouding the water with an inky material as it moves swiftly away.

i-j-h 11 minutes \$1.25

SEA LION BASEBALL TEAM (COFC)

The other boys won't let little brother play baseball with them because he can't catch. Wandering off by himself he watches the sea lions catch fish which are thrown to them. He makes up his mind that if they can do so well, even without hands, he will imitate their ways and learn how to be a good catcher also. He does and is rewarded by becoming the official catcher on the baseball team.

p-i-j 10 minutes \$1.25

SEA OF GRASS

(TFC, Restricted to Classroom Use)

Condensed version of the feature film of the same name. Presents the basis of the argument between the cattle men and farmers in the early west, when the cattle men wanted to keep the range open and in grass and the farmers wanted to fence it in and plow it.

general 11 minutes \$1.25

SEAPORTS OF THE PACIFIC COAST (C)

The film takes its audience on an exciting tour of the bustling activity in San Francisco, the ports of Puget Sound, San Diego, Los Angeles and Portland.

i-j-h-c 11 minutes \$1.25

SEARCH, THE

(TFC, Restricted to Classroom Use)

The story of a child separated from his mother in a Nazi concentration camp and of her efforts to find him. After he has been befriended by an American soldier, the boy and his mother are brought together. The role of the American Soldier is played by Montgomery Clift.

h-c-a 32 minutes \$3.00

SEARCH FOR SECURITY (ILI)

Traces the origin and development of life insurance from the insuring of ship captains against death during a voyage or capture by pirates. Animated sequences explain the operation of modern life insurance, showing what happens to policyholders' premium payments. Dramatizations show the versatility of life insurance in meeting various individual and family needs.

general 17 minutes Handling charge, \$1.00

SEARCHLIGHT ON THE NATIONS (FON)

A picture of the role modern communications — press, radio, films and television — is playing in world

affairs, especially in the work of the United Nations, and the ways in which communications can be used to spread knowledge essential to the peace and welfare of the world.

general 20 minutes \$2.00

SEASHORE LIFE (EB, Color)

Provides an experience in ecology through a portrayal of life on the three important kinds of seashores — the sandy beach, the rockpool, and the mud flat. Shows ways in which representative seashore animals are adapted to survive in their special environment and how they feed, move, and compete with other kinds of animal life with which they come in contact.

p-i 11 minutes \$2.25

SEASIDE HOLIDAY (NFBC, Color)

A corner of colorful Prince Edward Island, set aside for a National Park, holds holiday jobs for all ages. Sportsmen and women ride, fish, play golf, and tennis, while over the dunes lie the park's 25 miles of fine sea beaches. There adults and children bathe in the amazingly warm water — or just bathe in the sun, agreeing with explorer Jacques Cartier's description of Prince Edward Island — "The fairest land it may be possible to see."

general 10 minutes Handling charge, \$1.00

SEASONAL CHANGES IN TREES (C, Color)

Is an excellent introduction to scientific study of trees, a rich background for reading and language activities about trees, and a basis for many study activities, including supervised field trips. Classification, seasonal aspects, and careful observation are stressed throughout.

i-j-h 11 minutes \$2.25

SEASONS OF THE YEAR (C, Color)

Scenes of the four seasons of the year, and the activities of those seasons. Shows how plant and animal life protect themselves and lie dormant during the winter, but come to life again during the spring and summer.

p-i 11 minutes \$2.25

SECRET OF THE FJORD

(TFC, Restricted to Classroom Use)

This film was made by Father Hubbard during an expedition in Alaska. They discover huge glaciers by following the Fjord.

j-h-c 11 minutes \$1.25

SECRET SERVICE STORY (AE)

Portrays the role of Secret Service agents throughout the country in safeguarding the president, combating counterfeiters, and tracking down forgers of government checks.

j-h-c-a 17 minutes \$2.00

SECRETARY TAKES DICTATION, THE (C)

The procedures and practices in taking dictation in a modern office, including the handling of rush items, telegrams, office memos, corrections and insertions are shown.

h-c 11 minutes \$1.25

SECRETARY TRANSCRIBES, THE (C)

The details of transcribing in a business office, emphasizing habits beyond knowledge of shorthand and typing which differentiate a good secretary from a stenographer are shown.

h-c 11 minutes \$1.25

SECRETARY'S DAY, THE (C)

The daily activities of a secretary are compared with those of a stenographer to show the added responsibilities and duties; handling callers, appointments, telephone calls, filing and many other details of office procedure.

h-c 11 minutes \$1.25

SECRETS OF SUCCESS: HUCKLEBERRY FINN

(TFC, Restricted to Classroom Use)

A short sequence in which Huck decides to run away from the Widder Douglas. Same film as *Adventures of Huckleberry Finn: Short Version*.

j 10 minutes \$1.25

SECTIONAL VIEWS AND PROJECTIONS, FINISH MARKS (USOE)

Shows the different types of lines — dimensions, center, cross section, and object; the projection of a sectional view; the locations and uses of finish marks; and the meanings of standard cross-section lines denoting types of materials.

c 15 minutes \$2.00

SECTIONS (McGII)

Some objects have important interior details which may show as a confused mass of dotted lines on the regular exterior views. The remedy for this is the sectional view, formed by the imaginary cutting away of part of the object to reveal interior details and make it easier to read the drawing. The film goes on to explain various symbols used in sectioning — section lining, cutting plane lines, directional arrows and reference letters. The construction of a full sectional view is demonstrated. (For other titles in this series see Auxiliary Views Part I.)

h-c 10 minutes \$1.25

SECTIONS AND CONVENTIONS (McGH)

Film indicates that on regular exterior views important interior details of an object may often show

as a confused mass of dotted lines, and demonstrates that the sectional view is the remedy. Conventional principles and practices always followed in constructing sectional views are described, as well as conventions followed in special instances such as drawing a hand-wheel, or sectional views of drilled flanges, ribs, and webs. (For other titles in this series see According to Plan: Introduction to Engineering Drawing.)

c 15 minutes \$2.00

SECURE THE BLESSINGS (NEA)

Dramatizes the role of the public school in a democracy. Five main characters, a farmer, a businessman, a labor leader, a housewife, and a Congressman are faced with everyday problems. How they solve these problems is, to a great extent, determined by the kind of education they have received in our public schools. The film points out that one of the best places to learn to respect the rights and understand the problems of others is in a public school.

h-c-a 30 minutes \$3.00

SEE BETTER: HEALTHY EYES (C)

How can we take care of our eyes? Why should we take care of them? In answering these two basic questions, this film explains the general structure of the eyes, the important health and safety practices relating to eye care, and the common ways to treat disorders of vision.

p-i 11 minutes \$1.25

SEED DISPERSAL (EB)

Presents many interesting ways by which seeds of plants are scattered in order to insure the propagation of the species. The methods illustrated include dispersal by the wind, transportation by animals, and forceful propulsion from the seedcase. The dramatic value of these examples is increased by the use of time-lapse photography. Attention is given to the germination of seeds under various conditions. The struggle for survival in the plant world is vividly portrayed.

i-c 11 minutes \$1.25

SEEDS OF DESTRUCTION (EB, Color)

An ominous film conveying the message of urgency and need for conservation of our resources, reveals with thundering intensity the results if any of the links in the chain are broken. Unscientific lumbering processes, devastating forest fires, uncontrolled wind or water erosion, overworked land and roaring floods are shown as the awesome implements which can destroy our world unless man acts in time. (For other titles in this series see Arteries of Life.)

j-h 11 minutes \$2.25

SEEING EYE, THE

(TFC, Restricted to Classroom Use)

The story of the work done at Morristown, N. J., where German sheep dogs are trained to lead the blind.

The dogs are bred on the farm and we see the pups that show the best dispositions and highest intelligence being selected for training. We hear that they are trained to be alert, to avoid obstacles, to walk safely through traffic, and to ignore distractions.

A blind man arrives at the farm. A dog is selected for him, and they are given training together. There are scenes showing blind men busy at various vocations, their faithful dogs with them.

p-i-j 11 minutes \$1.25**SEEING THE UNIVERSE (UW)**

The Ptolemaic and Copernican theories of the universe are compared. The solar family is explained. Phases of Venus, parade of seasons on Mars, giant Jupiter and its moons, in motion, changing aspects of ringed Saturn and Halley's and Brooks' comets are shown.

j-h-c 11 minutes \$1.25**SELECTED NEGRO SPIRITUALS (EB)**

Three Negro folk songs, "Nobody Knows De Trouble I See," "Joshua Fit De Battle Ob Jerico," and "Deep River" are beautifully sung and dramatized in this film. These classic songs give voice to the emotional life of the American Negro and contain a record and revelation of his deeper thoughts.

general 10 minutes \$1.25**SELECTED NEGRO WORK SONGS (EB)**

The well-blended voices of a mixed chorus bring us two of the songs which the Negro sang at his work out of doors. "Let the Church Roll On," and "Dis Ol' Hammer" are examples of songs which were improvised by the Negro as he toiled.

general 10 minutes \$1.25**SELECTED SONGS OF JAMES A. BLAND (EB)**

This film dramatizes two of the favorite songs of the Southland — "Carry Me Back to Old Virginny" and "O, Dem Golden Slippers." We are made aware of the spiritual quality of the Negro people as we listen to these songs sung by an a cappella choir.

general 10 minutes \$1.25**SELECTED SONGS OF STEPHEN FOSTER (EB)**

Against a background of a beautifully blended chorus, this film dramatizes two of Stephen Foster's best loved songs — "My Old Kentucky Home" and "O Susanna." The film reveals the natural, unaffected, and spontaneous charm of these classics of the Southland.

general 10 minutes \$1.25**SELECTION OF DIMENSIONS (McGH)**

Principles governing choice of dimensions are introduced and shown to be based on two factors: (1) functional characteristics of the object including consideration of accuracy demanded, and relationship of the portion to other elements of the unit or machine, and (2) manufacturing methods used in making the object. (For other titles in this series see According to Plan: Introduction to Engineering Drawing.)

c 18 minutes \$2.00**SELECTION OF FRUITS AND VEGETABLES**

(USDA, Color)

Demonstration of good buying practices, considering need, quality, and price. Examples used are lettuce, celery, cabbage, citrus and other fruit buying.

j-h-c-a 15 minutes \$3.00**SELF-CONSCIOUS GUY (C)**

Feelings of self-consciousness keep a high school boy from doing his class work well or making friends easily. He discovers many of his classmates suffer from similar feelings, but that several of them have overcome these feelings and developed poise and self-assurance. The boy works to become better adjusted by thinking about others, developing skills, taking part in activities, and finally by developing a perspective on his own relationship to the social situations in which he moves and lives.

j-h-c-a 10 minutes \$1.25**SELLING AMERICA (JH)**

Certain principles practiced by Benjamin Franklin and applied to modern day selling are dramatically presented in this film.

j-h-c 22 minutes \$2.00**SEMINOLES OF THE EVERGLADES (AS, Color)**

This film tells the story of the Seminole Indians, who sought seclusion and independence in Florida's swampy everglades, and who now are being forced into a new world and a new way of life. Other films in this series are: Miracle on the Mesa and Pueblo Heritage.

general 20 minutes Handling charge, \$1.00**SENDING RADIO MESSAGES (EB)**

The basic principles of radio transmission are shown by animated drawings. The operation of the microphone, transformer, and the modulator, is graphically explained. Fundamental concepts such as sound waves, direct currents, alternating currents, voice current, carrier wave, and amplification are explained. Photographic scenes are used to reveal the importance of radio and to illustrate operating units in a modern transmission station.

j-h-c 11 minutes \$1.25

SENSITIVITY OF PLANTS (NA)

Simple laboratory experiments reveal the sensitivity of plants to be no less than human sensitivity to outward stimuli. Plants are subjected to electric shock, carbon dioxide, heat, gravity, light, ether and reactions are visualized by means of time-lapse photography and the high speed lens.

j-h-c-a 11 minutes \$1.25

SERIES AND PARALLEL CIRCUITS (EB)

Clarifies, with simple demonstrations, the relationships between resistance, current, and electromotive force, in series circuits and in parallel circuits. Illustrates these relationships by computing resistance of a toaster and a lamp, and amperage of a soldering iron. Demonstrates clearly the advantages and disadvantages of both types of circuits. Describes a simple series-parallel combination and offers appropriate examples.

j-h 10 minutes \$1.25

art

ALEXANDER CALDER —

SCULPTURE AND CONSTRUCTION

CREATIVE HANDS SERIES

LET'S PLAY WITH CLAY: BOWLS

LET'S PLAY WITH CLAY: ANIMALS

WHAT IS MODERN ART

ART AND MOTION

BEGONE DULL CARE

STARS AND STRIPES

OPTICAL POEM

MAKING A MURAL

MAKE A MOBILE

**SERVANT OF THE PEOPLE**

(TFC, Restricted to Classroom Use)

The story of the making of the American constitution. The film begins by depicting the confusion that arose under the Articles of Confederation: scenes show the Vermont farmers being stopped at the Massachusetts state line and people in New York refusing Rhode Island money. Washington, Hamilton, and Madison discuss the seriousness of the situation. The ensuing Constitutional Convention is accurately depicted, with the various arguments and agreements during its course. The Virginia plan and the New Jersey plan are presented from the floor. Arguments arise over the slavery question. Benjamin Franklin helps to bring about a compromise. Finally the first signers are shown putting their names to the Constitution.

An excellent account of the Continental Congress.

j-h-c 22 minutes \$2.00

SEVEN LITTLE DUCKS (BFS)

Shows how Carol, a six-year-old girl, helps to care for a family of Muscovy ducks which she keeps as pets in her back yard. Simple methods of feeding, watering, housing and fencing in for protection are demonstrated.

p-i 11 minutes \$1.25

SEWING: ADVANCED SEAMS (YA)

Demonstrates construction of French, slot, flat fell, welt, tucked, and piped seams.

h-c 11 minutes \$1.25

SEWING: CHARACTERISTICS AND HANDLING OF MATERIALS (YA)

Explains the uses of various materials in specific clothing problems, and an essential understanding of fabrics.

h-c 10 minutes \$1.25

SEWING: FITTING A PATTERN (YA)

Explains why standard dress patterns frequently need to be adjusted to the individual, and demonstrates how such alterations are made so as to insure the best possible fit of the garment.

j-h-c-a 10 minutes \$1.25

SEWING FUNDAMENTALS (YA)

Demonstrates and explains the function and use of some of the fundamental tools used in sewing—needles, thimbles, measuring gauges, pressing tools, etc.

h-c 10 minutes \$1.25

SEWING: PATTERN INTERPRETATION (YA)

Explains how the seamstress interprets the important marks and symbols on dressmaking patterns, in terms applied to McCall, Simplicity, Butterick, and Vogue patterns.

h-c 100 minutes \$1.25

SEWING: SIMPLE SEAMS (YA)

Demonstrates construction of plain seams, with edges pinked, edges overcast, stitched, bound, catch-stitched, and top-stitched.

h-c 10 minutes \$1.25

SEWING: SLIDE FASTENERS (YA)

Clearly explains the step-by-step procedure used in fitting and sewing a slide fastener into a blouse, a skirt, and a dress.

h-c 10 minutes \$1.25

SHADOWS AND ECLIPSES (UW)

A series of demonstrations illustrate some sources of light and the properties of light. By means of animated diagrams the formation of shadows and eclipses is explained. Actual photographs of recent eclipses are used to show the sun in total eclipse, the sun's corona, the earth's shadow moving across the moon. The law of reflection is demonstrated, as are the properties of images in plane mirrors.

j-h-c-a 10 minutes \$1.25

SHAPE DESCRIPTION PART I (McGH)

The film begins by demonstrating the inadequacy of a written or spoken description, or of a perspective sketch, when the designer of an object wants to tell others exactly how to build it. The only accurate method of conveying this information is to make several drawings showing how the object looks from different points of view. The film then describes orthographic projection, utilizing a combination of animated diagrams and animated photography of specially prepared models to provide unusual three-dimensional effects. (For other titles in this series see Auxiliary Views Part I.)

h-c 11 minutes \$1.25

SHAPE DESCRIPTION PART II (McGH)

The step-by-step procedure of constructing a drawing is demonstrated, and reasons for each step are explained. The film follows through on one drawing and establishes certain principles of procedure which the student can apply in making drawings of his own. In conclusion, the film stresses the importance of clarity, accuracy, and readability in all drawings. (For other titles in this series see Auxiliary Views Part I.)

h-c 8 minutes \$1.25

SHARING ECONOMIC RISKS (C)

Insurance is defined and illustrated. Bill, a high school boy, loses his bike through theft. This loss illustrates the economic risks which all people face, and ensuing action illustrates aspects of property and life insurance, and the principle of sharing economic risks. This is an especially effective film for use in the social studies and business education.

j-h 11 minutes \$1.25

SHARING WORK AT HOME (C)

Shows the importance of cooperation to happy family life and the steps toward improved family living. It is a picture for home economics, language arts, social studies, and all other groups in which family relations are studied.

j-h-a 11 minutes \$1.25

SHARPENING A PLAIN HELICAL MILLING CUTTER (UW)

How to mount the helical cutter on an arbor, how to arrange the four elements in the same horizontal plane, how to sharpen the secondary clearance angle, and how to check and adjust for taper in grinding the primary clearance angle.

h-a 16 minutes \$2.00

SHARPENING A SIDE MILLING CUTTER (UW)

How to identify the parts of a cutter, how to select and mount the correct grinding wheel, how to mount the cutter, how to set up the grinder for sharpening, how to set the correct clearance angle, and how to check for correct width of land.

h-a 23 minutes \$2.00

SHEEP DOG (EFLA)

Describes a typical day in the life of Tom, a Welsh shepherd; his dog, Scott; and his horse, Topsy. It portrays the dog's efficiency in caring for the flock of sheep and in handling Tom's horse. The film also depicts the intimate relationships between the ewes and their lambs and shows what menaces threaten the security and well-being of the flocks in the mountains and the means for protecting them.

p-i 11 minutes \$1.25

SHEEP RANCH COUNTRY — AUSTRALIA (UW)

This film lesson demonstrates that pastoral industries (with sheep dominating) and wheat farming are well suited to semi-arid lands which are sparsely populated and isolated from markets. This principle is shown to apply to Australia, where the economy is dependent upon foreign trade with sheep products, wheat, and flour the most important exports. Because the country is so dependent upon trade, many people live in a few large seaports. Some manufacturing is carried on, based on local raw materials and protected home markets. The film presents the contrast between the mode of life of the people on the sheep ranches with that of the people in the industrial centers where the growing steel and textile industries are being developed.

i-j-h 22 minutes \$2.00

SHEEP SHEARING (USOE)

One of a series of films on livestock produced by the United States Office of Education. It shows how to handle sheep for shearing, indicating the relative po-

sitions of the shearer and the sheep during each shearing step. The step-by-step procedure in shearing is demonstrated, as well as the methods of rolling and tying the fleece.

h-c 21 minutes \$2.00

SHEET METAL WORKER (VGF)

The worker in the general sheet metal shop must have far more knowledge of the vocation than a production line operator, since the work is more varied, involving a thorough knowledge of arithmetic and of angles and skill in the handling of tools. The special qualifications for this job, as well as the opportunities for the utilization of their skills by the trained technician, are shown in this film.

j-h-c 11 minutes \$1.25

SHELL FISHING (EB)

An overview of the oyster, crab, clam, and lobster fishing industries on the eastern coast of the United States is provided by this production. Preparing the oyster beds, planting, dredging for mature oysters, and their preparation for market make up the oyster sequence. Luring crabs to their nets with baited lines crab fishermen find to be both sport and work. Clam fishermen, under the supervision of conservation agencies, are revealed planting, harvesting, and preparing their crops for market in a manner similar to the methods of the oyster fishermen. Lobstermen, after dumping their catches from baited traps, take the lobsters to nearby factories.

i-j-h 11 minutes \$1.25

SHELTER (EB)

Is a pictorial delineation of the major concepts in the evolution of shelter. It shows first, primitive shelter construction, from materials close at hand. It traces man's growing ability to change the form of these materials, and how transportation increased the variety of his supply; finally the high specialization of effort in constructing modern kinds of shelters, each designed for a special purpose. Examples range from the African grass huts and Eskimo igloos to modern skyscrapers, apartment buildings and individual homes.

i-j 11 minutes \$1.25

SHEP — THE FARM DOG (EB)

Shows an attractive collie dog during his busy day about the farm. Herding the cows to pasture; routing the chickens from the garden; eating breakfast; pursuing a woodchuck; hiking and swimming are shown.

p-i-j 11 minutes \$1.25

SHOOTING IN BASKETBALL (EB)

Stance, action of throw, aim, trajectory, ball control are illustrated in slow motion, animation and normal speed.

j-h-c 10 minutes \$1.25

SHOP DRAWING (PART I) (FP)

Introduces the student to the elements of engineering drawing. An explanation of the established practice of drawing the horizontal, vertical, and profile views is given. The various conventions utilized in engineering drawing practice such as correct dimensioning procedure, cross hatching, and sectioning are explained in some detail.

j-h-c 11 minutes \$1.25

SHOP DRAWING (PART II) (FP)

A description is given of the recognized procedure used for drawing various types of curves and contours. Other symbols used in engineering drawing are presented. The major part of this film, however, is devoted to the important idea that it is the draftsman's responsibility to produce a neat, accurate, and detailed drawing which the machine shop man can readily interpret. The need for providing the machine shop man with the sufficient number of views of the object is stressed.

j-h-c 11 minutes \$1.25

SHOP PROCEDURES (McGH)

This film shows how finished drawings are used as detailed instructions in every step of manufacturing. From the drafting room, the drawings are seen going to the blueprinting machine to be reproduced by dozens or hundreds and distributed to all those workmen who will have a part in making the finished product. The film then shows many of these workmen at their jobs using blueprints — in the pattern shop, the foundry, the forging shop, the machine shop, and the assembly shop. (For other titles in this series see Auxiliary Views Part I.)

h-c 17 minutes \$2.00

SHORTEST WAY HOME (GL, Color)

This is a sight-seeing tour of most of the major cities of the country.

general 40 minutes Handling charge, \$1.00

SHOWTIME (UWI)

Traces the development of a play from an idea in the author's mind through to the time it's presented on a stage. Especially designed for schools interested in producing their own plays. Useful for clubs, senior high school and college speech and English classes and for teachers who supervise such activities.

j-h-c-a 22 minutes \$2.00

SHRINE OF A NATION — WESTMINSTER ABBEY (BIS)

The history of Westminster Abbey is the history of England. Here Parliament once met; here for centuries the Kings and Queens of England have been crowned; and here are buried illustrious Englishmen of all times

—sovereigns, statesmen, poets, scientists, musicians. Westminster Abbey is a fine example of early English architecture. Shots include the Coronation of King George VI.

general 14 minutes \$2.00

SHY GUY (C)

Shyness is a real problem to many adolescents. The film illustrates some methods of overcoming shyness and so is valuable for general use both with adolescent groups, teacher training and parent groups.

j-h-c 15 minutes \$2.00

SICILY: KEY TO VICTORY (OWI)

The record of the Canadian First Division in the Sicilian campaign. With the aid of animated maps, the advance of the Canadians is shown town by town. The story cuts back to Canada, to the war workers standing behind the army, demonstrating the essential link between war front and home front, which is the real key to victory.

h-c 20 minutes \$2.00

SIGHT AND SOUND (NFBC)

Shows the use of audio-visual aids and stresses their value in education. The examples given illustrate how (by means of a film) a class of children "jump a continent" to visit Mexico, how a filmstrip on cut-outs stimulates creative activity, and the use of a radio broadcast in a history class.

c-a 11 minutes \$1.25

SIGN OF DEPENDABLE CREDIT (USDA)

Gives a picture of how farmers, ranchers, and stockmen may receive financial aid from the Production Credit Association and the plan laid out for repayment.

h-c 20 minutes \$2.00

SILENT NIGHT, HOLY NIGHT (Castle)

The words of the Christmas hymn appear on the screen for audience participation.

general 5 minutes \$1.25
(one day only)

SILENT WAR, THE (OIAA)

The story of the war against yellow fever now being waged by scientists in the jungles of Colombia is related in this film. It shows how vaccine is made, dried, frozen, and transported by mule-pack to a town in the jungles of Colombia and how yellow fever is slowly being conquered in equatorial South America. It also describes how this research is making United Nations jungle fighters immune to the dread disease.

j-h-c 10 minutes \$1.25

SILKS AND SULKIES (NFBC, Color)

The thrill of harness racing on Prince Edward Island, with a glimpse behind the scenes at the training of a colt for this sport. We follow Bellhop's career as a pacer, from his unwilling introduction to harness through trials with a bicycle sulky to his first big race. Climax of the film comes with scenes of this mixed race of trotters and pacers at Charlottetown's Old Home Week.

general 11 minutes Handling charge, \$1.00

SILOS FOR GRASS AND LEGUME SILAGES (PCA, Color)

Shows the value of grass silage in producing milk of high Vitamin A content, new machines and methods of harvesting hay for grass silage, construction of both stave and cast-in-place silos.

h-c-a 20 minutes No charge

SILVER SHADOWS (UW)

A short history of silent motion picture entertainment from the first theatrical use of pictures that move to first newsreel service. Oldtime favorites are presented.

j-h-c-a 20 minutes \$2.00

SIMILAR TRIANGLES (KB)

Shows properties and practical uses of similar triangles. Demonstrates graphically the "two angles equal" proposition, and suggests applications in new geometric situations.

h-c 11 minutes \$1.25

SIMPLE BLOCK PRINTING (GAF)

After a few examples of block printing are shown the entire process of making such a print is demonstrated. The various tools needed are displayed and the work of each clearly shown.

j-h-c 11 minutes \$1.25

SIMPLE MACHINES (EB)

The basic features of simple machines — the lever, the inclined plane, the wedge, the pulley, and the screw — are shown. Applications of these devices to modern complex machines are demonstrated. Animated diagrams clarify abstract mechanical principles. The evolution of the machine and its part in contemporary civilization is also treated.

j-h-c 11 minutes \$1.25

SIMPLE STUNTS (C)

The film was produced to meet the expressed needs of physical educators for material for group activities with boys and girls from intermediate through junior

high grades. Requiring little or no equipment, stunts demonstrated in the film lend themselves equally well to organized gym classes, clubs or other informal groups or unsupervised play.

i-j 10 minutes \$1.25

SIXTEEN TO TWENTY-SIX (NFBC)

Designed for female audiences only, this film presents facts about the extent, transmission, course of infection, symptoms, and treatment of gonorrhea and syphilis.

a 17 minutes \$2.00

SIZE DESCRIPTION (McGH)

Uniformity in dimensioning practice is essential and depends on the observation of certain standards in the use and choice of lines, figures, arrowheads, etc., and in the theory and placement of dimensions. After this has been mastered, the student must be able to choose in each case those dimensions which seem necessary to describe the article accurately, to locate the surfaces and centers for the placement of dimensions and notes. The method for describing complex drawings by breaking them down into simple geometric parts for dimensioning is also shown. (For other films in this series see Auxiliary Views Part I.)

h-c 16 minutes \$2.00

SKELETON, THE (EB)

Describes in detail the formation, growth, development, and function of the human skeleton. Microphotography and animated drawings reveal what bones consist of and how they grow. Dramatic motion picture X-ray photography shows how joints move. Attention is called to the role of proper food and good posture in the correct development of bone.

h-c-a 12 minutes \$2.00

SKI HOLIDAY (NFBC, Color)

The film shows the beauty of ski country in the Canadian Rockies. Two young ladies are followed through a day of skiing, with their smooth runs and humorous falls, all photographed against the startling beauty of snow-covered mountains and bright skies.

general 10 minutes Handling charge, \$1.00

SKI THRILLS (SM, Color)

Thrilling and beautiful color shots of expert skiers enjoying themselves on the high expanses of the Sierra Mountains.

general 10 minutes \$2.25

SKIP TO MY LOU (IU)

Fifth grade children form two circles and demonstrate the fundamentals of the game: skipping around

the circle, choosing a partner, joining hands, and returning to place in the circle. The narrator explains each of these.

p-i 5 minutes \$1.25

SKIPPER LEARNS A LESSON (EB, Color)

A little girl and her dog Skipper move to a neighborhood where youngsters of different races play together. Skipper snubs the dogs belonging to these youngsters and refuses to play with them because they look "funny" to him. They are different in color, size and shape. Later, through an embarrassing episode with a can of paint, Skipper becomes the one who looks odd to the other dogs. He soon realizes his mistake, and understanding is established among all. A simple and delightful story on intercultural understanding.

p 11 minutes \$2.25

SLEEP FOR HEALTH (EB)

Presents the importance of regular sleeping habits from the viewpoint of a child. Shows the child how a regular bedtime which allows for sufficient sleep helps him attain goals which he himself desires. Emphasizes the child's own responsibility in the formation of good habits. Considers dreaming as a normal part of sleeping. Graphically illustrates how lack of sleep causes irritability and interferes with the enjoyment of everyday living.

p-i 11 minutes \$1.25

SLEEPING BEAUTY (C, Color)

A version of "Sleeping Beauty." An oversight excludes a fairy from the princess' christening. She revenges herself by dooming the princess to death at seventeen. The other fairies combine their powers to change the fatal spell to a century of sleep. King, queen, princess, and court slumber through a century until the handsome prince awakens Briar Rose with a kiss.

p-i 19 minutes \$3.00

SLEEPING BEAUTY (EB)

This is the story of the beautiful princess who, under the spell of a wicked fairy, pricks her finger with a needle and falls into a hundred-year sleep. The entire palace remains under the spell until a handsome prince awakens the princess. They marry, become king and queen, and rule the land wisely and justly.

p 9 minutes \$1.25

SLEEPING BEAUTY (SF)

The story of Sleeping Beauty, the princess bewitched into sleeping for 100 years, until awakened by the kiss of the handsome prince. Acted in pantomime while a narrator tells the story.

p-i 11 minutes \$1.25

SLIDE RULE (MULTIPLICATION AND DIVISION) (USOE)

The C and D scales of the slide rule and the use of these scales for multiplication and division are explained in detail. Combinations of the two operations—multiplication and division—are also given.

h-c 24 minutes \$2.00

SLIDE RULE (PERCENTAGE AND SQUARE ROOTS) (USOE)

Shows how to use the B and C scales of the slide rule to calculate proportions and percentages, calculate squares and square roots. Simple problems are used to illustrate the methods.

h-c 20 minutes \$2.00

SMILES HAVE IT (BFS)

Mary and Tommy respond to an invitation in their quarterly dental checkup. By means of plaster models and drawings, Mary is shown what it means to have a cavity. Tommy reads a book which shows the relationship between the teeth of man and those of various animals. A trip to the zoo emphasizes what the children have learned in their visit to the dentist.

p-i 10 minutes \$1.25

SMOOTH STARTS (JH)

Illustrates the law of inertia as it applies to the problem of starting airplanes, boats, locomotive trains, and automobiles. We see that in the motorcar friction carries the power from the engine to overcome the inertia of the car when starting. The means to apply this friction evenly is supplied by the clutch.

The need for heatproof bases to withstand the heat caused by friction is established, as well as the necessity for a spring to apply the pressure evenly over the entire surface to assure smooth engagement and positive control. Heat photography is used to show the need for a special clutch ventilating fan.

j-h-c 7 minutes \$1.25

SNAKES (C, Color)

A conceptual film which will develop the idea of what a snake is; how it differs from other animals; how it resembles them; and how the snake illustrates nature's principle of adaptation.

i-j-h 11 minutes \$2.25

SNAKES CAN BE INTERESTING (YA)

A technically fine and effective film. Shows a snake swallowing an egg larger around than it is, a snake shedding its skin, and tells how to identify poisonous snakes. Also tells some of the benefits of snakes to mankind.

i-j 10 minutes \$1.25

SNAP OUT OF IT (Emotional Balance) (C)

A high school boy has worked hard for an "A" but gets only a "B" in history. His emotional upset at the disappointment brings him to the attention of the school principal. Under the principal's guidance, the boy finds how to set his expectations realistically to avoid disappointments. He learns to use the emotional drives of unavoidable disappointments for a positive attack on problems.

j-h-c-a 13 minutes \$2.00

SNAPPING TURTLES (EB)

Presents the life story of an interesting reptile in its natural habitat. Unusual photographic studies permit observation of the snapping turtle's detailed features, habits, and its encounters with other animal life. The laying of the eggs and the hatching are two outstanding episodes. A painted turtle is introduced for purposes of comparison. The winter hibernation concludes the presentation.

j-h-c 11 minutes \$1.25

SO THIS IS LONDON (BIS)

A tour of London, with all the historic landmarks and local color—the people and the houses in one of the greatest cities of the world.

general 13 minutes \$2.00

SOAP (EB)

Explains the nature, manufacture, and cleansing action of soap. Shows how soap is made in a laboratory and a commercial plant.

j-h 11 minutes \$1.25

SOCCER FOR GIRLS (C)

Demonstrates the basic skills of soccer in easy-to-learn detail, with close-ups and slow motion, using skilled girl players. Includes the various kinds of traps, dribbles and passes, and their applications to game situations.

j-h-c 11 minutes \$1.25

SOCIAL COURTESY (C)

It has always been difficult to interest students in ordinary social courtesy. As a result, this film seeks to present both information on specific social "graces" and, at the same time, to make them a natural part of daily activities. Using a unique story development, Social Courtesy helps students realize that getting along in social groups is not a tedious process that involves preparation and a great deal of knowledge, but instead is a natural, easy form of behavior that requires only the use of everyday courtesy.

j-h 11 minutes \$1.25

SOCIAL DANCING (C)

Approaches the problem of elementary social dance steps (waltz and fox trot), showing couples and individuals in basic box turn, forward pattern, cross-over and under-arm turn, concluding with a quiz-review.

i-j-h-c 11 minutes \$1.25

SOCIAL DEVELOPMENT

See

CHILD DEVELOPMENT: SOCIAL DEVELOPMENT**SOCIAL PROCESS, THE: A Seminar with Professor Harold D. Laswell (EB)**

Professor Harold D. Laswell, noted political scientist, conducts a seminar on the patterns of behavior common to all cultures. He develops the concept of the social process from the statement "Man seeks values through institutions using resources," and explains a terminology growing out of this statement which he finds useful in analyzing any community.

h-c-a 20 minutes \$2.00

SOCIAL REVOLUTION (EB)

Describes the process of revolutionary social change which has been transforming the modern world during the past two centuries and is still in progress. Points out that this process has proceeded peacefully in certain countries and has led to violence and social chaos in others. Suggests the responsibility of progressive nations to assume leadership in social changes.

h-c-a 20 minutes \$2.00

SOCIAL SECURITY

(TFC, Restricted to Classroom Use)

Interprets the operation of the Social Security Act from the time of its passage through its various steps to the final payment of checks to the beneficiaries. Registration is explained and illustrated. The operation of the claims division is explained and the procedures for payment are shown.

j-h-c 11 minutes \$1.25

SOFT PEDAL (JH)

This picture explains the principle of the clutch and shows how we get smooth application of power by means of this device.

The need for a control in the automobile that will let the engine run while the car is standing still is explained, as is necessity for a connection flexible enough to transmit power from the running engine to the shaft which turns the wheels. We see how this flexible connection or clutch operates to shift into all four gears.

Later day improvements in clutch construction are demonstrated and compared with old methods. Scientific means for testing the worth of material and mechanism prove the adequacy of the device.

j-h-c 8 minutes \$1.25

SOFTBALL FOR BOYS (C)

Play ball! Boys will rally to the call with added enthusiasm after seeing this fast-moving film. They'll want to try that hook-slide, pull that fast double-play, improve their bunting technique. Slow motion photography is used to analyze the individual player skills and the principles of team play in actual game situation. Emphasis is also placed on pitching techniques.

i-j-h-c 10 minutes \$1.25

SOFTBALL FOR GIRLS (C)

Takes up the fundamental softball skills of throwing, catching, batting, and fielding as they apply during the exciting last inning of a girls' intramural game. Each player's individual skill and co-ordinated teamplay is pointed out to show students how the good fun of this sport is heightened by intelligent practice.

j-h-c 11 minutes \$1.25

SOFTBALL FUNDAMENTALS (YA)

Designed to teach the individual techniques of play involved in softball, using junior high school girls as the players. Illustrates the techniques of batting, throwing, pitching, base-running and fielding.

j-h-c-a 13 minutes \$2.00

SOIL RESOURCES (EB)

A study of what soil is and how man affects soil. Animated drawings reveal the mechanical actions which turn solid rock into soil. Also portrayed are the major scientific farming techniques designed to replace soil fertility losses and to stop erosion.

h-c 11 minutes \$1.25

SOLAR FAMILY, THE (EB)

In this picture the evolution of the solar system is revealed according to the planetesimal hypothesis. This is followed by a portrayal of the real and apparent motion of the planets. Among the special phenomena presented are: the phases of Venus; retrograde motion of Mars, Jupiter and its satellites; the apparent motion of Saturn's rings; orbits of the planetoids, Eros and Anteros; orbit of Halley's comet; and the motion of the solar system in space.

j-h-c 11 minutes \$1.25

SOLAR SYSTEM, THE (C)

Names of the planets, their relative size, distances from the sun and the forces at work in the solar



angry boy

The story of Tommy Randall who, having been caught stealing in school, is sent to a child guidance clinic instead of being treated as a criminal. An investigation by members of a psychiatric team at the clinic reveals that Tommy is suffering from an emotional disturbance which is traced to its basic cause. How his mother is helped to understand Tommy and how Tommy himself learns to accept and handle his feelings through the process of psychotherapy provides the main drama of the film. At the end, Tommy is on his way to recovery and the audience has been given some understanding of how unconscious motivation affects the behavior of both children and adults.

system are presented with imagination in this film. An actual scale model of the solar system is set up to visualize dramatically the immensity of distances between the respective planets and the sun. The relationship of the planets to each other, their orbits, and important highlights about gravitational attraction, light and heat are other important teaching points covered.

i-j-a 11 minutes \$1.25

SOLIDS, LIQUIDS AND GASES (YA)

An introduction to the three states of matter. It defines a liquid, a solid, and a gas, and demonstrates how a substance can be changed from one state to another, depending on how hot or how cold it is.

i-j 11 minutes \$1.25

SOME PEOPLE STAYED HOME

(TFC, Restricted to Classroom Use)

Shows how a corrupt political machine operates to get its candidate elected. A ward-heeler recruits tramps to vote in place of negligent citizens who fail to vote, and the machine candidate wins. Primary citizenship concern is with the necessity for citizens to vote at each election. Failure to vote may be not merely neutral, it can be negative.

h-c-a 9 minutes \$1.25

SOMETHING YOU DIDN'T EAT (USDA, Color)

Explains in entertaining detail how one may learn to use the basic seven groups of foods essential to good nutrition and shows in simple terms how to make use of this knowledge.

general 10 minutes Handling charge, \$1.00

SONG BIRDS OF THE NORTH WOODS

(TFC, Restricted to Classroom Use)

An authentic record of the songs and cries of American birds, made at Elk Lake in the Adirondack Mountains under the auspices of Cornell University.

We see the sound truck with its parabolic reflector for catching the sounds of the birds as they are photographed. Then we hear the cry of the loon and see it swimming. There is a close-up of a loon nesting at the water's edge. The calls of the white-throated sparrow and the hermit thrush are heard and we see them in their nests. A magnolia warbler and a scarlet tanager feed their young. Then a goshawk nesting, its young crying for food.

Young northern woodpeckers nest in a hole in a tree; their mother brings them food in her beak, forcing it down their throats. A pair of tame chickadees take food from a man's hand, from his lips, and from a cup.

i-j-h 11 minutes \$1.25

SONG OF A NATION

(TFC, Restricted to Classroom Use)

The story of the writing of "The Star Spangled Banner."

During a musicale at the home of Francis Scott Key, Key criticizes the American policy of nonresistance to British activities. His guests accuse him of a lack of patriotism and his wife privately tells him she is losing respect for him.

Key and an officer hear that a friend has been arrested and taken aboard a British ship. They go to arrange for his release. They are held aboard ship until after an attack on Fort McHenry. The bombardment continues all night. Key and his friend expect that the American flag will be down by morning, but at dawn it is still waving. Key sits down and writes "The Star Spangled Banner." The song is enthusiastically received by Americans, and his wife asks his forgiveness for failing to understand his motives. In technicolor.

j-h-c 20 minutes \$2.00

SONGS OF STEPHEN FOSTER

(TFC, Restricted to Classroom Use)

This "Community Sing" presents Stanley Brown, Donald Grayson and others in a program of Stephen Foster songs. The following ballads are sung by the group dressed in Southern Costumes of the period and against a background of a Southern plantation: Oh Susanna, Beautiful Dreamer, Jeanie with the Light Brown Hair, Old Folks at Home, Camptown Races and My Old Kentucky Home. Words to the songs are flashed on the screen to be sung by the audience in the usual "Community Sing" style.

i-j-h-c 11 minutes \$1.25

SONS OF LIBERTY

(TFC, Restricted to Classroom Use, Color)

That the Father of these United States was in no small way aided in his fight for freedom and tolerance by the financial and moral assistance of a Jewish patriot, one Haym Salomon, is the story told forcefully in this film. Salomon's experiences from the time he was initiated into the freedom-loving group known as the "Sons of Liberty" up to the time of his death at the end of the war are portrayed.

j-h-c 25 minutes \$1.00

SOUND RECORDING AND REPRODUCTION

(EB)

Explains the mechanics of sound transformation and transmission from the source to the loudspeaker in the motion picture projector. Concepts presented include the various types of sound track; the optical system employed in making the sound track; the motion picture print combining photography of picture and

sound; and the reversal of recording processes in re-producing the sound record.

h-c 11 minutes \$1.25

SOUND WAVES AND THEIR SOURCES (EB)

Demonstrates and explains several types of sound sources. The transmission of sound waves through the air is clearly visualized. The characteristics of sound waves, such as frequency, amplitude, wave length, fundamentals, harmonics, are vividly explained visually with acoustic accompaniment. The high-speed camera, animation, sound effects, and an oscilloscope are used to clarify the phenomena of sound.

j-h-c 11 minutes \$1.25

SOUNDMAN, THE

(TFC, Restricted to Classroom Use)

Story of soundman, his studio secrets, and techniques. Traces the history of sound in movies, from the days of the tinny accompaniment in a theatre to the elaborate equipment and understanding of today. Shows the manner in which the studios file away their many sound effects, hauling them out for use whenever the need arises.

general 11 minutes \$1.25

SOUNDS OF MUSIC (C)

Clearly presents the characteristics of musical sound. Two youngsters meet the genial proprietor of their local music store, who demonstrates the principles of amplitude and frequency with the sounds and grooves of a phonograph record.

j-h 11 minutes \$1.25

SOURCE OF THE AMAZON (HFE, Color)

This excellent film gives the story of the birth of the world's greatest river, and also of the life and work of the people who live at its headwaters. Careful mapping assists in telling of an area that is little known and seldom visited.

j-h-c 11 minutes \$2.25

SOUTH AFRICA (BIS)

South Africa's key position at the junction of the Atlantic and Indian Oceans and Jan Christian Smuts, only Dominion Prime Minister to have served in Britain's War Cabinet, are shown. Finally the film indicates the realism with which South Africa stands ready to meet postwar problems.

j-h-c 11 minutes \$1.25

SOUTH CHILE (OIAA)

Pictures the region at the very southernmost part of South America. Grand glacial scenery and the story of sheep raising on a large scale feature this description of distant Patagonia.

j-h-c 18 minutes \$2.00

SOUTH PACIFIC ISLAND CHILDREN

(Life in Fiji) (EB, Color)

Portrayal of family life in Viti Levu. Shows members of the Di Vara family at their daily activities — fishing, attending school, tending their garden, and constructing a house. Illustrates the importance of the coconut palm to the islanders and depicts a "fish drive" which ends in a feast and dance along the shore.

p-j 11 minutes \$2.25

SOUTHEASTERN STATES, THE (EB)

Delineates the variety of living patterns in Arkansas, Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, Virginia, Kentucky and Tennessee, with a brief historical introduction. The stately plantation homes, mountainer cabins, modern homes in southern cities, rolling bluegrass country, orchards, cotton and tobacco fields, farms and factories all woven together tell the story of the region's twenty-eight million people and how their welfare is bound up with the national economy.

j-h-c 11 minutes \$1.25

SOUTHERN BRAZIL (OIAA)

Brazil's march of progress as exemplified in its southernmost area, the states of Parana, Santa Catarina, and Rio Grande de Sul is shown. Here is Brazil's great cattle-raising country and also its granary. Here too is a section that is grasping every opportunity to keep pace with modern industrial progress.

j-h-c 20 minutes \$2.00

SOUTHERN CHILE (HFE)

Concerns the people, geography and history of one of Chile's most unusual regions. There are remarkable scenes of the Strait of Magellan, and a series of animated maps showing the effect the Panama Canal has had on ship traffic through the Strait and the once significant stop on the trade route, Punta Arenas.

j-h-c 11 minutes \$1.25

SOUTHWESTERN STATES, THE (EB)

Portrays aspects of life in areas of Texas, Oklahoma, New Mexico, and Arizona. Reference is made to the topography, rainfall, and other characteristic features including the imprint of Spanish and Indian cultures. Irrigation, stock raising, mining, agriculture, and oil extracting and refining are among the occupational activities shown. The exchange of goods and services with those of other sections of the country is depicted with animated photography.

j-h-c 11 minutes \$1.25

SOYBEAN STORY (ALC, Color)

Pictures the growing and processing of the soybean.

j-h-c-a 20 minutes \$3.00

SOYBEANS — FEATURE STORY (NSB, Color)

A reporter for the News is assigned to do a feature story on soybeans. At a local soybean processing plant he gets the story of the soybean from its earliest history to its present place in our national economy. Processing methods, products, uses, research and markets are demonstrated. Proper steps in planting, cultivating and weed control are explained. The place of the crop in the farm scheme is defined. The effect of this annual legume crop upon the soil is shown in comparison with other farm crops, also its relationship to runoff and erosion.

c-a 27 minutes Handling charge, \$1.00

SPAIN: THE LAND AND THE PEOPLE (C)

This film journey takes the viewer from Madrid in the north to the fertile river valleys in the south. A visit is made to the cities and villages, and people of those places.

i-j-h 10 minutes \$1.25

SPANISH CHILDREN (EB)

The film provides a visit with a rural family of southern Spain. A trip by a boy and his father to the city and an evening at home celebrating the little daughter's birthday are charmingly portrayed. Particular emphasis is laid on the activities of the children in the family. The film's narrator is of Spanish descent and speaks with a slight Spanish accent, thus lending a realistic flavor to the film.

p-i 11 minutes \$1.25

SPANISH INFLUENCE IN THE UNITED STATES (C)

Even though Dolores and Don live in the midwest, our Spanish heritage plays an important part in their lives. By clearly surveying the world around them, they come to realize that this influence has become very much a part of all our daily lives.

i-j-h-c 11 minutes \$1.25

SPARKY, THE COLT (C)

Here is a medium that will provide specific interest value in reading, youthful discussion and writing activities. From the moment your children "discover" Sparky, the wobbly little colt, they'll eagerly follow his adventures as he grows strong, learns to trot across the fields, and finally makes friends with his little master.

p-i 11 minutes \$1.25

SPEAKING OF RUBBER (USRC)

A retired employee tells his grandson about rubber, the people who make rubber goods, the industry, and the nation which makes this production possible. In-

cludes scenes of rubber plantations, synthetic rubber plants, manufacturing processes and laboratory testing.

i-j-h-c-a 27 minutes Handling charge, \$1.00

SPEARHEADS IN THE SKY (CFS, Color)

A boy and a girl discover the nest of a real Mother Goose. They watch the young hatch, grow up, flock for fall flight. They see raccoon, violets, dogwood, field lilies, katydids, purple asters, and butterflies. Story ends with a hunter's harvest in October.

p-i-j 11 minutes \$2.25

SPEECH: CONDUCTING A MEETING (YA)

Demonstrates and explains the basic parliamentary procedures which contribute to an efficient and successful meeting.

j-h-c-a 10 minutes \$1.25

SPEECH: FUNCTION OF GESTURES (YA)

Explains the function of the gesture in public speaking, and points out how the speech can be made much more effective by using the correct gestures at the correct time. Illustrates some commonly used gestures and their function.

h-c-a 11 minutes \$1.25

SPEECH: PLANNING YOUR TALK (YA)

Explains how to plan and organize your talk for greater effectiveness in speaking to groups.

h-c-a 11 minutes \$1.25

SPEECH: PLATFORM POSTURE AND APPEARANCE (YA)

Deals with the importance of good appearance and proper posture to the public speaker's success. Each element is treated in detail from the viewpoint of the inexperienced speaker, as the film points out that the audience is impressed as much by what it sees as by what it hears.

h-c-a 11 minutes \$1.25

SPEECH: STAGE FRIGHT AND WHAT TO DO ABOUT IT (YA)

Analyzes the causes of stage fright, and shows the inexperienced public speaker what he can do to overcome it, both in the preparation for his talk and presentation.

h-c-a 11 minutes \$1.25

SPEECH: USING YOUR VOICE (YA)

Directed at the problem of common speech faults in both formal and informal speaking, explaining how to make the most of voice in everyday life situations. Points out that most speech faults are due purely to carelessness, and then demonstrates and explains how to correct such faults.

h-c-a 11 minutes \$1.25

SPEED AND REFLEXES (PRP)

Designed to instruct amateur and professional driver alike. The human reflex and reaction is demonstrated and explained, also the effects of fatigue upon reflexes and visibility range. Shows why we dare not exceed speeds which violate natural laws and our own physical limitations.

j-h-c-a 11 minutes \$1.25

SPEEDBALL FOR GIRLS (C)

Introduces students to an exciting game which is rapidly growing in popularity. The film lucidly explains players' positions on the field, the rules of the game, techniques in developing team cooperation and individual skills — kicking, juggling, volleying, passing, and receiving.

j-h-c 11 minutes \$1.25

SPEEDING YOUR READING (TAE)

Illustrates fundamental principles involved in correct reading habits and how to develop reading speed. Explains the meaning of "span of recognition" and shows how development of span may be achieved. Illustrates correct eye movements and shows how to develop them.

j-h-c-a 10 minutes \$1.25

SPELLING IS EASY (C)

A motivational film for the intermediate grades, and presents the five basic rules for learning to spell.

i 10 minutes \$1.25

SPIDER AND THE ANT, THE (OF)

The ant and his girl friend are having a fine time until Mr. Spider catches them in his web. But the rest of the ants, using a snail as a tank, come to their rescue and land Mr. Spider in jail.

p-i-j 10 minutes \$1.25

SPIDERS (EB)

The nursery-web, the orb-web, the funnel-web, and the trap-door spiders appear in this picture. The complete life cycle of the first is presented, and the peculiar habits and characteristics of the others are shown. The construction of an orb-web is shown through every step of the procedure. The retreat of the trap-door spider is explained and illustrated. There are also scenes demonstrating the prowess of spiders as hunters and providers.

j-h-c 11 minutes \$1.25

SPINNING WHEEL (AB)

There are detailed close-ups of carding, rolling curls, and spinning combined with the study of various parts of the "wheel" and the method of doubling the yarn for knitting as Grandmother teaches Elaine to spin.

i-j 10 minutes \$1.25

SPIRIT OF '43, THE (OWI, Color)

America's most dynamic character, Donald Duck, symbolizes the feelings of all of us confronted with two conflicting impulses. One-half of this dual personality is represented by a Scottish duck, called Scotty, while the spendthrift is portrayed by Zooties, the zoot-suit duck. Torn between these two personalities, Donald Duck realizes that the choice is really very simple: spend for the Axis or save for taxes.

general 6 minutes \$2.25

SPOT NEWS (JH)

Against a background of music and then actual sounds, the picture opens with a direct recording sequence of dialogue and scenes as a wire-photo crew goes out to photograph an airplane taking off from the top of a speeding automobile, and then transmits the photograph back to the newspaper office over a telephone wire. It ends by showing and explaining how the current is received back at the newspaper office and changed back to light values and printed as a picture, ready for newspaper equipment in a modern newspaper plant.

j-h-c 9 minutes \$1.25

SPOTTY: STORY OF A FAWN (C, Color)

Primary grade teachers will welcome this story picture as a beautiful and stimulating experience for all young students. Filmed against the authentic background of the north woods, the adventures of Spotty, a wild fawn, are believable and fascinating. Participation devices are aurally and visually built into the picture and the narration has been keyed to primary grade word lists.

p 11 minutes \$2.25

SPRING ON THE FARM (EB, Color)

Photographed in beautiful color, we follow Joan and Jerry Johnson as they observe the many interesting things that happen to the Johnson farm during the months of March, April, and May.

p-i 11 minutes \$2.25

SPRINGBOARD TECHNIQUES (C)

A prerequisite to skillful diving is proper use of the springboard, which is thoroughly explained in this film, produced under the supervision of Mike Peppe, Director of Swimming at Ohio State University. The film not only demonstrates proper techniques, but also shows the step-by-step methods of acquiring those techniques.

Stop motion and slow motion are used for detailed analysis of lifts, tucks, somersaults, and other skills. Techniques are summarized in a final sequence of outdoor shots showing the finished performance of expert divers.

j-h-c 10 minutes \$1.25

SQUEAK, THE SQUIRREL (CW, Color)

Illustrates how an animal can learn to find food that is hidden from view or out of reach. Aside from showing how Squeak learns, the film points up the value of the scientific method for investigating animal behavior. Certain parts of Squeak's surroundings are systematically changed, while everything else remains the same. By this procedure we can determine precisely how well Squeak can adjust to a new situation.

p-i 14 minutes \$3.00

SQUIRREL IN TREES (IU)

Narrator explains the rules of this active game as it is played by a group. Shows how trees are formed and how the squirrel gets into the tree. Pictures the squirrels exchanging tree homes at the command "change." Two simple variations are shown: "squirrel follow squirrel" and "squirrel chase squirrel."

p-i 5 minutes \$1.25

STAINLESS STEEL (USBM)

Emphasizes waste and destruction produced by rust and cost of protection against this enemy. Corrosion-resistant quality of stainless steel is illustrated by test. Making of stainless steel is depicted.

29 minutes Handling charge, \$1.00

STAR GAZERS (ACFC)

Highlights of Galileo's career introduce an account of man's search into the wonders of the universe.

i-j-h-c 10 minutes \$1.25

STAR SPANGLED BANNER

As an aid to community singing, the words of "The Star Spangled Banner" are superimposed on each succeeding scene of this film. A moving orchestration of our National Anthem provides the accompaniment.

general 2 minutes \$1.25

STARS AND STRIPES (IFB, Color)

Rippling stripes and gay stars jump and dash around the screen, breaking into effects suggesting a fireworks display. The sound track is "Stars and Stripes Forever." The film is made without either recording or photographic equipment—both the figures and the sound track are painted directly on the film.

p-i-j-h-c-a 5 minutes \$1.25

STATE LEGISLATURE (A, Color)

Explains the detailed procedure of the legislative branch of our state governments in the enactment of a state law. Starts with the origin, need and reasons for a law and shows, step-by-step, how surveys and statistical data are obtained to back it as a bill, how

it is introduced, discussed and passed by the Assembly, concurred in by the Senate, signed by the Governor, then challenged and reviewed by the state Supreme Court.

j-h-c-a 22 minutes \$3.00

STEAM FOR POWER (BW)

Makes extensive use of animation in tracing the history of man's effort to obtain abundant and economical steam power. Each step in the development of modern boilers and the reason for it is shown. Concluding sequences show the erection of a large radiant boiler in a power station.

h-c-a 41 minutes \$1.00

STEAM LOCOMOTIVE (NYC)

Highlights of the care and operation of the great Hudson type locomotive are shown in this entertaining and informative picture. There are scenes in the yards, in the roundhouse and in the cab of a locomotive in action. The important servicing facilities are shown in detail and the operating principles of the locomotive are clearly explained.

j-h-c 20 minutes Handling charge, \$1.00

STEEL RULE, THE (USOE)

Discusses in detail the steel rule, shows the various forms in general use, explains the fractional scales found on them and demonstrates their correct use. The variations of the steel rule in the form of depth gages and the combination square are shown. Proper methods for holding and using a steel rule to set calipers, to measure the length and diameter of round stock are demonstrated. Emphasis is given to care needed to maintain the usefulness of the steel rule and its variations.

h-c 11 minutes \$1.25

STEM RUST—AIRBORNE ENEMY OF GRAIN (USDA, Color)

Stem rust is a fungus disease that destroys wheat, oats, barley, and rye. Shows how barberry bushes spread the disease to grain crops, the nature of the disease, the importance of these crops and dependent industries in the nation's economy, and how stem rust damages grain. Covered in detail is the story of ridding grain areas of barberry bushes which spread stem rust.

h-c-a 22 minutes Handling charge, \$1.00

STEPS OF AGE (IFB)

Presents the emotional problems and interpersonal relationships within the family faced by a woman of 62 who must help her husband adjust to the fact that he must retire from his job, and then the continuing problems which face her after his death, when she must face the fact that she is "useless." Emphasizes

that one must begin early in life to adjust to the problems which all human beings face when they grow old.

c-a 25 minutes \$3.00

STEPS OF THE BALLET (BIS)

The film shows the basic classical positions and movements of the ballet—the disciplined exercises necessary to achieve perfection. During rehearsal, the work of the choreographer, the composer, and the designer are explained. Then an original new ballet is presented for the first time in this film. Music is played by the London Symphony Orchestra. Robert Helpmann, famous choreographer and dancer, is the narrator.

j-h-c 23 minutes \$2.00

STEP-SAVING KITCHEN, A (USDA, Color)

This film shows a kitchen planned as an efficient workshop where a woman's work may be done with least walking, stooping, lifting, and stretching. The kitchen is U-shaped, designed by housing and household equipment specialists of the Bureau of Human Nutrition and Home Economics. Basic principles used in planning the kitchen are shown, with demonstration of work saved by the well-planned, adequate storage and work space.

general 14 minutes \$3.00

STOP SILICOSIS (US)

Dramatizes causes and results of silicosis and some of the hazardous conditions under which a million Americans work. It shows you the contrast between X-ray silicosis and normal lungs.

h-c 10 minutes \$1.25

STOP THAT CAR (JH)

This picture deals with the brakes in the modern motorcar. It shows how energy exists in the form of heat, motion, electricity and light, and how all these forms of energy are interchangeable. When motion is changed into heat, the means to this change is friction.

In a motorcar, to stop the turning wheels of an automobile, friction must be applied; friction, in turn, engenders heat. Means of dissipating some of this heat are demonstrated. Animated pictures show the design of brakes from the crudest form to the modern hydraulic.

A car is driven at high speed off a dock into a barge and stopped within the length of the barge, as a demonstration of modern brake efficiency.

j-h-c 9 minutes \$1.25

STORIES OF HOLLAND: BACKGROUND FOR READING (C)

Holland—windmills, dikes and wooden shoes—setting for many of our best-loved children's stories.

Here, in an excellent and entertaining production, students get a vivid visual background for their reading—both fiction and nonfiction—about Holland. They visit Broek, the setting for the story of Hans Brinker—see Volendam, a typical fishing village on the Zuider Zee—explore the old city of Leiden at tulip time—and many other places of literary interest on this thoroughly delightful film journey.

i-j 11 minutes \$1.25

STORY OF A CITY (ANIB, Color)

Newcastle, New South Wales—its steel mills, coal mines and people.

j-h-c-a 15 minutes \$3.00

STORY OF A SPARK PLUG, THE (USBM)

Describes functions of parts comprising the spark plug—shell, electrodes, gaskets, terminal, and insulator. Depicts mining of silimanite from which insulators are made.

j-h-c 34 minutes Handling charge, \$1.00

STORY OF A STORAGE BATTERY, THE (USBM)

Film covers basic information on operation of modern storage battery. Opening scenes show varied uses for storage batteries, such as starting automobiles and supplying power for light and radio. Latter part of film deals with manufacture of precision parts of modern battery, which must meet certain mechanical, electrical, and chemical precision standards.

h 30 minutes Handling charge, \$1.00

STORY OF A STORM (C)

Using superior animation and careful organization, this film presents a basic experience in which science and social studies merge as they do in everyday living. From it are drawn scientific observations and data. Here is vivid, valid, fascinating science instruction for all grade levels. Here, too, is reading background for language studies and for social studies.

i-j-h-a 11 minutes \$1.25

STORY OF ALFRED NOBEL, THE

(TFC, Restricted to Classroom Use)

The Story of Alfred Nobel shows a Nobel Prize notification, then shifts to a close-up of Nobel. In his laboratory, he is searching for a way to harness nitroglycerine. He notices the fluid soaking into white clay, and thus accidentally discovers dynamite. A montage follows of the commercial uses of dynamite, all of which have aided in mankind's progress.

Nobel determines to seek a way to conquer war, and works to devise new ways of terror to compel peace. His life span appears uncertain, and he talks to many groups in the hope of permanent peace. He concludes that prevention of war through terror is of no



FALLEN EAGLE

The story of the Sioux Nation and their proud traditions.

20 MINUTES RUNNING TIME

\$3.00 PER WEEK

avail; that the answer lies, not through fear, but love. The road to peace leads from the council table, not the battlefield, as a montage of war scenes and destruction is shown.

general 11 minutes \$1.25

STORY OF AN IMMIGRANT

(TFC, Restricted to Classroom Use)

An immigrant, coming to America as a young man with almost no money, gives himself an education and lifts himself to a position of influence and respect, almost with his bare hands. A fine story of what hard work and belief in one's self and the American Way can do.

general 30 minutes \$3.00

STORY OF ARC WELDING, THE (USBM)

A short history of arc welding and illustrates what happens during the making of an arc weld.

j-h-c 24 minutes \$2.00

STORY OF CHRISTOPHER COLUMBUS (EB)

Brings to life the story of America's discovery and of the man whose conviction, courage, and faith brought it about. Clearly dramatizes highlights in the life of Columbus, including his boyhood dreams of travel and adventure, his tireless search for aid in organizing an expedition, his long and hazardous voyage westward, and finally his landing in San Salvador in 1492.

i-j 20 minutes \$2.00

STORY OF COAL, THE (KB)

Coal is one of our greatest natural resources. Its discovery only 150 years ago in America was the beginning of a new industry. How coal is formed, the mining processes, regions where it is found, and uses in the business world are shown.

i-j-h 11 minutes \$1.25

STORY OF COMMUNICATION, THE (FI)

The story of transmission of messages and man's achievements in improving his means of communica-

tion. It brings out with forceful clarity the fact that until electrical energy was harnessed, the world's means of communication were linked with its means of transportation.

j-h 22 minutes \$2.00

STORY OF COPPER, THE (USBM)

After an introduction to prehistoric use of copper, story begins with open-pit mining operations at Morenci, Arizona and continues to underground mining at Bisbee, Arizona, thence to smelter and an electrolytic refinery.

j-h-c-a 34 minutes Handling charge, \$1.00

STORY OF DR. CARVER, THE

(TFC, Restricted to Classroom Use)

This picture gives us the story of a Negro slave-boy who received an education and became a scientist.

Night raiders steal the boy from a landowner named Carver. Carver trails them and trades his horse for the boy who is sickly and considered of small value.

Because of the little slave's interest in studying, Carver educates him, gives him his own name. After being graduated from the University of Iowa the young scientist is assigned to the cotton crisis in the South. He solves it by introducing the idea of rotating peanut and cotton crops. When this results in an oversupply of peanuts he determines to seek new uses. There are now 140 products made from the peanut, including oil, wallboard, shaving cream, ice cream and cones, axle grease, meat sauce, and quinine.

Tuskegee Institute has erected a statue to Carver.

i-j-h 11 minutes \$1.25

STORY OF DR. JENNER, THE

(TFC, Restricted to Classroom Use)

Is the story of how Dr. Jenner, the English country physician, discovered how to prevent smallpox by vaccination. It is a splendid dramatic film presenting Dr. Jenner's idea about smallpox prevention, his ridicule before medical men and the hostility of his own

townspeople; the testing of his vaccination and its outcome. The plague of smallpox is beaten.

j-h-c 11 minutes \$1.25

STORY OF ELIAS HOWE, THE (TFC, Restricted to Classroom Use)

The story of Elias Howe and his years of struggle to perfect the sewing machine are vividly portrayed. The picture attempts to show that inventors seldom profit from their inventions and rarely enjoy the gratitude of the age in which they live.

i-j-h 11 minutes \$1.25

STORY OF GASOLINE (USBM, Color)

Traces the story of gasoline from crude oil to the finished product and explains in simple terms the complex structural patterns of petroleum molecules making up gasoline. Through animation, the various hydrocarbon molecules come to life and separately explain their performances in gasoline. The refining process is shown in detail with all products pictured in different colors for easy identification.

j-h-c 20 minutes Handling charge, \$1.00

STORY OF LEAD (USBM)

Here is shown mining operations in the lead belt of southeastern Missouri. Mining began there in 1720 under authority of a patent from the King of France. Pictured chat piles stand as monuments to the millions of tons of lead removed in past years, the chat containing limestone, now used as a fertilizer. The film shows the mining, processing, and refining of lead, and its eventual shipment to industry.

j-h-c 30 minutes Handling charge, \$1.00

STORY OF LUBRICATING OIL (USBM, Color)

Stresses the importance of lubrication to machinery; shows stills used in separating various products from crude oil; animated drawings explain theory of operation of still; pictures treatment of crude lubricating oil to remove impurities; shows removal of paraffin wax; illustrates separation of oil in various grades in reducing stills, followed by filtration. Follows bottom stock remaining after distillation of crude oil through treatment with chemicals to take out impurities; shows separation of petroleum by centrifuges; also shows flash and viscosity tests in laboratory.

i-j-h-c 20 minutes Handling charge, \$1.00

STORY OF MENSTRUATION (IC, Color)

Animated drawings and diagrams are used to explain the physiology of menstruation in women, suggests methods of care and hygiene, and encourage a healthy attitude toward the process. Special booklets and physiological charts are available for use with the film.

j-h-c-a 10 minutes \$2.25

STORY OF MONEY (BIS)

Explains the development of the monetary system from the earliest days of simple barter to the complexities of modern banking. Shows the evolution of coins, checks and banking houses, and the part they play in the business world of today.

h-c 16 minutes \$2.00

STORY OF NICKEL, THE (USBM)

The film pictures and describes activities and operations in Canada and the United States which are essential to the production of nickel and its alloys. Huge dams, lakes, and power plants situated at High Falls, Canada, are required for mine and mill operations. The closing scenes show nickel alloy strips ground, polished, and prepared for shipment.

j-h-c 34 minutes Handling charge, \$1.00

STORY OF OUR FLAG, THE (KB)

An account of how the stars and stripes came into existence and of the influences on its design.

i-j-h 10 minutes \$1.25

STORY OF POTATOES, THE (EB, Color)

From this film we learn the story of one of the world's basic foods. The preparation of potatoes for planting, the planting of the eyes, the cultivation of the crop as it grows, and the harvesting on a modern potato farm in western United States are all depicted. The film also follows the crop through the processes necessary for marketing.

i-j 12 minutes \$3.00

STORY OF PRINTING (EB)

Traces the story of printing from ancient times to the present day. Shows early methods of reproducing pictures by means of carved wood blocks and depicts gradual transition from printing of pictures to printing of letters. Includes sequences clearly illustrating Gutenberg's contributions to printing. Shows evolution of modern type faces and improvements in paper on which to print. Suggests the impact of the Industrial Revolution on printing and concludes with scenes of modern book and newspaper presses in operation.

j-h-c-a 45 minutes \$4.00

STORY OF RICE, THE (EB, Color)

Photographed in the American rice bowl, this film portrays the activities on a modern rice plantation in Louisiana. It clearly illustrates up-to-date methods of planting, cultivating, irrigating, harvesting, and preparing rice for market.

i-j 12 minutes \$3.00

STORY OF ROCK WOOL HOME INSULATION, THE (USBM)

Describes the problems encountered by a young couple who have been offered a drafty house as a wedding gift. While the man and woman are debating the advisability of accepting the offer, a friend tells them the structure can be made comfortable by adequate insulation. Of interest to every home owner is the description presented regarding the cause of draft and loss of heat due to lack of insulation.

h-c 11 minutes Handling charge, \$1.00

STORY OF STEEL, THE (KB)

From the mines — where iron ore is found, we trace the refining processes and follow its many uses in the manufacture of such things as watch springs, a skyscraper and a battleship.

i-j-h 11 minutes \$1.25

STORY OF SUGAR, THE (EB, Color)

The story of cane sugar is clearly depicted through all stages from planting to preparation for market. The film describes in detail the major processes in sugar production — planting the cane, cultivating the field, harvesting, washing, crushing, and refining. Attention is also called to important by-products.

i-j 12 minutes \$3.00

STORY OF THE BEES (UW)

The life cycle of the bee is shown by microphotography from the laying of the egg through the development of the larva and the emerging of the mature insect. Details of life in a hive of wild bees follow. The food gathering cycle is demonstrated — from the gathering of nectar and pollen to its storage and eventual use. Other sequences portray the birth of a queen, her triumph over potential rivals, the swarm, the defense of the hive from external enemies as well as from the natural enemy, excessive heat, which threatens to destroy the hive.

j-h-c-a 22 minutes \$2.00

STORY OF THE MICROSCOPE, THE (KB)

The history of the development of the microscope is depicted. Its many contributions to man's knowledge of the "invisible world" is brought out.

j-h-c 11 minutes \$1.25

STORY OF THE TELESCOPE, THE (KB)

This film touches upon ancient astronomical knowledge, the invention of the telescope and development in building both reflectors and refractors. The wonders of the far away worlds are shown.

j-h-c 11 minutes \$1.25

STORY OF THE VIOLIN (HOP)

The making of a violin, from the gluing of the two pieces that form the back to the playing of the instrument by a master violinist. The shaping of back and sides, of the neck, and the final careful, expert varnishing. Also included is a bit of the history of the violin.

h-c-a 11 minutes \$1.25

STORY THAT COULDN'T BE PRINTED, THE (TFC, Restricted to Classroom Use)

This is the history of John Peter Zenger, pre-Revolutionary War printer and publisher, who was persecuted, arrested and tried for publishing reports reflecting upon the honesty of His Majesty's colonial representative. Zenger's friend, John Alexander, sought and received the assistance of the able retired lawyer, Andrew Hamilton, of Philadelphia, whose presentation before the jury is a masterly statement on the freedom of the press. Zenger's acquittal was one of the first victories for freedom of the press and contributed to the inclusion of this doctrine in the Bill of Rights. It is highly recommended for junior and senior high school classes in civics, social studies and American history.

j-h-c 11 minutes \$1.25

STRAND BREAKS, A (EB, Color)

It reveals the constant ebb and flow of creation and destruction within the web of life, and the competition for survival of all living things. It pictures changes effected in natural growth before man, and reveals how mankind has threatened the welfare of all life by introducing new elements into nature's balance that reduce the earth's carrying capacity. Inescapably the film shows how man must learn to follow the laws of nature to guard the earth from depletion of its resources.

j-h-c-a 17 minutes \$3.00

STRANDS GROW, THE (EB, Color)

Traces through prehistoric remains the story of competition and constant change which affect all life from the first single-celled plant to the climax forest. Shows that all life is bound together in the vast web of nature's balance, in which everything depends upon plant-manufactured food. Shows how once-dominant forms of life — the trilobite, the dinosaur, the sabre-toothed tiger — became extinct when they were unable to adjust to the changes in environment.

j-h-c-a 17 minutes \$3.00

STRENGTH OF THE HILLS, THE (USDA)

Shows rich, hilly country and the many uses made of the timber grown. It also presents a picture of the destruction work and losses incurred by forest fires. Conservation is a new frontier of a richer and better living.

h-c 11 minutes \$1.25

STRING CHOIR, THE (EB)

The principal objective here is to show how the string choir's virtuosity makes it the orchestra's most important group. Other objectives achieved are to demonstrate various playing techniques, such as bowing and pizzicato; to present for study the different instruments that make up the choir, and their peculiarities of timbre and tone. All these are done in full orchestral setting both as to action and sound. (See Brass Choir, Percussion Group, Symphony Orchestra, Woodwind Choir.)

i-j-h-c 11 minutes \$1.25

SUBTRACTION IS EASY (C)

In this companion film to *Addition Is Easy*, Billy faces the problem of deciding whether he will have enough money to buy a baseball after purchasing paints and a bat. Students see mathematics in action — and from this film learn borrowing, place value, and other fundamentals of subtraction. Also teaches the relative value of coins in our monetary system.

p 10 minutes \$1.25

SUFFER LITTLE CHILDREN (NFBC)

Here is the story of what war did to the children of Europe, and what is being done to help them. Food, clothing and medical assistance are arriving daily from the Allied Nations.

general 11 minutes \$1.25

SUGAR CANE (USDA)

Shows the planting, cultivating, harvesting, and refining of sugar cane.

j-h-c 16 minutes \$1.25

SULPHUR (USBM)

Depicts all the processes in the production of sulphur: drilling wells; sending steam to bottom of wells; storing of liquid sulphur; removing of sides of sulphur vats; blasting and shipment of the sulphur.

j-h-c 22 minutes Handling charge, \$1.00

SULPHUR AND ITS COMPOUNDS (C, Color)

Highlights in the history of this element, some of its present uses and its physical and chemical properties are illustrated.

j-h-c 10 minutes \$2.25

SUMMER ON THE FARM (EB, Color)

Joan and Jerry Johnson watch the growth of plants and animals during the summer. As they work and play on the farm, they have opportunities to see live, growing things that interest them.

p-i 11 minutes \$2.25

SUN, EARTH AND MOON (NA)

These three words allow John Kieran to explain, in lay terms, graphically as well as pictorially the reasons for day and night, as well as the seasons of the year in various parts of the hemisphere.

i-j-h-c-a 11 minutes \$1.25

SUNDAY IN THE VALLEY OF MEXICO (OIAA)

What to do and see on Sundays near Mexico City — from viewing pyramids to modern dancing.

general 11 minutes \$1.25

SUNFISH (EB)

Presents the life of the sunfish from the preparation of the nest, the laying and fertilizing of the eggs, the hatching of the eggs, and the development of the fish to maturity. The underwater shots are excellent and the photography unusual.

j-h-c 11 minutes \$1.25

SUNRISE SERENADE (EB, Color)

Many Indian dances seem to have been taken from the sunrise mating dances of the grouse. The film shows three different species of grouse; the Prairie Chicken, in western Missouri, the spiny tailed pheasant, on the high plateau between the White and the Wyoming mountains, and the Sharp Tail in south Saskatchewan. Brilliant sound recording and color photography have captured the fascinating sights and sounds of the booming grounds at sunrise.

general 28 minutes \$4.00

SUN'S FAMILY, THE (YA)

Explains what the solar system is; that the sun is really one of the smaller stars, and that the nine planets revolving around it constitute its "family," that the earth is one of those planets, and that each planet travels in a fixed orbit around the sun.

i-j 11 minutes \$1.25

SUPAI INDIANS (C, Color)

At the rim of the Grand Canyon of the Colorado live the last remnants of a great Indian tribe, the Supai, who now number only 175. The breath-taking beauty of their natural surroundings is the backdrop for this study of their customs, industries and habits.

i-j-h-c 10 minutes \$2.25

SUPERVISING WOMEN WORKERS (USOE)

The same rules apply in supervising both men and women. Women, however, haven't the same background of industrial experience and very often have more home responsibilities than men. These facts must be taken into account by the supervisor.

h-c 11 minutes \$1.25

SUPERVISING WORKERS ON THE JOB (USOE)

Various kinds of poor supervision practices are shown, among them, nagging, snooping, etc. By dramatized incidents, the poor results of these methods are made apparent.

h-c 10 minutes \$1.25

SUPERVISOR AS A LEADER, PART I (USOE)

Several workmen are asked what they consider to be the qualifications of a good supervisor: Always keep promises. Never take credit for someone else's work. Don't pass the buck. Don't play favorites.

h-c 19 minutes \$2.00

SUPERVISOR AS A LEADER, PART II (USOE)

Four supervisors discuss the qualities of leadership. Dramatized incidents make clear what they mean. One man lets his job go to his head. Another goes to pieces under pressure, he can't control himself.

h-c 11 minutes \$1.25

SUPREME COURT, THE (C)

This story about the Supreme Court of the United States begins in a city a thousand miles from Washington. As we follow a case from inception, through the lower courts, to final hearing before the Supreme Court, we learn the relationship of the court to the "plain citizen." We see the Supreme Court as the guardian of Constitutional rights, learn its function, powers, and jurisdiction.

h-c 10 minutes \$1.25

SUPREME COURT, THE (MOT)

How the United States Supreme Court works, how a case gets to and through the Court, and the extent of the Court's authority are given major emphasis. The role of the Court in preserving our political institutions and its effect upon our national life is examined.

h-c-a 11 minutes \$1.25

SURPRISE FOR JEAN, A (EB, Color)

It is Jean's sixth birthday, and mother has planned a big surprise. Jean and Frank are sent on an errand. While they are gone, Jean's little friends come to her house with birthday presents. Quickly they hide themselves. When Jean and Frank return, the guests rush out and shout "Happy Birthday!" The presents are opened and the girls enjoy refreshments around a festive table.

p 5 minutes \$2.25

SURVIVAL OF THE FITTEST (AAF)

The purpose of this project is to show the over-all function of the physical training program and physical fitness program of the Army Air Forces. The scenario

relates this background of physical conditioning to the stamina that enables Army Air Force men and women to carry on under the most trying and most exhausting conditions.

h-c 17 minutes \$2.00

SURVIVAL UNDER ATOMIC ATTACK (UW)

Gives an understanding of the atom bomb and how it produces destructive effects by blast, heat, and radio-activity. With this understanding, we can get an idea of how to defend ourselves against it. The film goes into considerable detail about self-protection in homes, on streets and in factories.

h-c-a 10 minutes \$1.25

SUSAN B. ANTHONY (EB)

Retells the story of her work as she sowed the seeds that one day harvested woman suffrage. Highlights her activities in organizing the women's temperance movement, in obtaining property rights for women, in campaigning for voting privileges; in short, in having women recognized as citizens.

h-a 22 minutes \$2.00

SWAN, THE (BFS)

A musical number featuring Saint-Saëns' well-known composition of that name.

j-h-c 6 minutes \$1.25

SWEDEN (MOT)

Sweden's paradoxical yet unique balance of monarchy, capitalism, and socialism—the "Middle Way"—is shown.

j-h-c 14 minutes \$2.00

SWIMMING AND DIVING ACES (ICS)

We learn, through slow motion, in this film what makes good divers. Every type of twisting, turning dive is shown.

general 11 minutes \$1.25

SWINGTIME HOLIDAY (UW)

Gus Arnheim and his Orchestra with the Delta Rhythm Boys and Jimmy Dodd.

general 20 minutes \$2.00

SYMPHONY ORCHESTRA (EB)

The objectives of this film are as follows: first, to present accurately and dramatically the symphony orchestra; second, to show the relation of composer and conductor to symphonic music; third, to elaborate the various choirs that make up the orchestra, and the chief functions of each; fourth, to present gems of music literature; and fifth, to give opportunity for study of the conductor's technique. The orchestra in

this series was made up largely of New York Philharmonic Symphony players, and was under the baton of Howard Barlow. (See Brass Choir, Percussion Group, String Choir, Woodwind Choir.)

i-j-h-c 11 minutes \$1.25

SYNTHETIC FIBERS (EB)

Reveals how modern science and technology have made possible the development of new synthetic fibers for making textiles—specifically rayon and nylon. Compares the making of these fibers to similar processes in nature. Calls attention to the materials used in manufacturing commercial synthetic fibers, and then explains the different stages of processing in order to obtain the final products.

h-c 14 minutes \$2.00

SYNTHETIC RUBBER (USBM)

Opening scenes show a chemist in his laboratory in search of a material having the same composition as natural rubber. The characteristics of natural rubber were the result of the discovery by Charles Goodyear of the secret of vulcanization. When our imports of natural rubber were found to be inadequate, scientists began an intensive search for a synthetic product to replace natural rubber. The experiments of Michael Faraday, Greville Williams, and Sir William Tilden are recalled, and the two most important types of synthetic rubber are compared.

j-h-c 21 minutes Handling charge, \$1.00

TVA (RKO)

The vivid story of man's victory over one of the great forces of nature, turning its might of power from a fury of flood to beneficent electricity.

general 18 minutes \$2.00

TABLE MANNERS (C)

After a graphic identification of all the pieces of flat silver in general table use today, the opportunity is given to study the fundamentals of good table manners at a dinner sequence in a family home without servants. Following the use of utensils is a series of illustrations of the handling of foods which are considered difficult to manage, such as asparagus, spaghetti, cream-filled desserts, etc. Later scenes cover the handling of awkward situations.

i-j-h 11 minutes \$1.25

TABLE TENNIS (TFC, Restricted to Classroom Use)

Table tennis, with experts playing in singles and doubles, is shown here. After an explanation of the grip, the players demonstrate push shots, service, spin shot and return, forehand and backhand shots, and footwork.

j-h-c 10 minutes \$1.25

TACKLING IN FOOTBALL (EB)

Demonstrates good tackling, the importance of condition, speed, body control, grip and timing. Safety measures are illustrated. (See Ball Handling in Football, and Blocking in Football.)

j-h-c 10 minutes \$1.25

TAKING CARE OF OUR GARDEN (EB, Color)

In this film we see the kinds of damage done to vegetable plants by various insect pests and how these pests can be controlled. We also learn about certain helpful insects and about how the soil of the garden can be kept in good condition for the growing plants.

i-j 11 minutes \$2.25

TALE IN A TEACUP (TBFL)

Here is the story of tea from its early Oriental beginning to its place in the modern world. The first part of the film is concerned with the spread of tea throughout the world. It tells of the scarcity of tea in Occidental countries and its consequent priceless value during early tea-drinking days. Then, with the introduction of tea trees to India, the tea market became more important and tea became available to more people. World use of tea developed into a great business. The film shows modern techniques of tea handling, processing, and grading.

general 20 minutes \$2.00

TALE OF TWO CITIES

(TFC, Restricted to Classroom Use)

This is a condensed school version of the feature picture produced by Metro-Goldwyn-Mayer in 1935 based on the Charles Dickens novel of the same name. Ronald Colman plays the part of Sidney Carton. In this version of the photoplay not only is the complete story presented in a way to stimulate the interest of students in English literature to a further study of this classic novel, but social study groups will find stimulating material in observing the causes of mass rebellion against the aristocracy of France during the revolutionary period and will be impressed by the injustices which result when poorly organized mob rule, in the name of Democracy, assumes control of a nation's affairs.

j-h-c 40 minutes \$4.00

TALE OF TWO CITIES: HIROSHIMA AND NAGASAKI (UW)

What the atom bomb did to the only two cities on which it has thus far been dropped. Careful study of blast effects at varying distances from the center of the explosion. A monk gives an eyewitness account of the blast. A realistic documentary film which presents a problem we must all face.

c-a 10 minutes \$1.25

TALES FROM THE VIENNA WOODS (Castle)

The music of Johann Strauss brought to life by the Vienna Philharmonic and interpreted in well-executed ballet scenes.

h-c-a 10 minutes \$1.25

TALES OF HOFFMAN (Castle)

Magnificent music from high points in the famous opera.

j-h-c 10 minutes \$1.25

TANGLEWOOD (UW)

The story of the Tanglewood Music Festival near Boston. Musicians from all over the world gather in a casual atmosphere of music for enjoyment. Some of the world's finest musicians playing the world's finest music.

h-c-a 20 minutes \$2.00

TANKS (OWI)

The manufacture of the M-3 medium tank is graphically described. This picture was photographed at the Chrysler Detroit Tank Arsenal, Fort Knox, Kentucky, and an unnamed Eastern Seaport. In telling the tale of how the M-3 medium tank is assembled, tested and shipped overseas, all the component factors are fused into an outstanding reel.

h-c 11 minutes \$1.25

TARGET — BERLIN (OWI)

Here is a good film that tells how Canada mobilized her strength to turn out giant bombers in a plant that had previously made only light aircraft. The Lancaster, the longest range bomber in the world, called for the skills of thousands of men. People came from all parts of Canada to build her. The crew of this first long range bomber is shown on its mission to Berlin.

h-c 17 minutes \$2.00

TARGET FOR TODAY (AAF)

This is the most comprehensive story ever told of an air bombing mission and is perhaps the most complete combat documentary film made of an Eighth Air Force Mission. It was produced, directed, and edited by Lt. Col. William J. Keighley, Chief of the Motion Picture Services Division, Office of Assistant of Air Staff Intelligence. It is the story of a bombing raid from the planning stage, through briefing, take-off, flight, "bombs away," the return home, report of the fliers to intelligence officers, and what is done with the information brought back.

h-c 93 minutes Handling charge, \$4.00

TARGET FOR TONIGHT (OWI)

An account of an actual air raid by the Bomber Command of the Royal Air Force. Aerial photographs

disclose the objective to be raided. After planning and preparation routines are shown, the camera stays with a Wellington bomber while its objective is reached, bombing is completed as scheduled, and the plane reports back to headquarters.

h-c 48 minutes Handling charge, \$4.00

TARGET INVISIBLE (OWI)

Tells you what the eleventh man did on a B-29. Reveals many radar secrets from a B-29 while in action.

general 10 minutes \$1.25

TASK FORCE (OWI)

In this picture, the fighting men of the Coast Guard are shown fulfilling their mission escorting a convoy and landing invaders. An exciting episode in the sinking of a submarine is revealed. Before reaching their destination they encounter enemy planes. With navy guns pounding the shores hour after hour, the Coast Guard landing barge crews are ready to do their job. As the beachhead position is consolidated, the last ship is unloaded — their mission has been completed.

h-c 22 minutes \$2.00

TEACHER, THE (EB)

Tells the story of a teacher who is offered another job but who decides to remain in her chosen profession. Emphasizes the important work of a teacher in training future citizens. Describes the training teachers receive and suggests some of the satisfactions they get from their work.

i-j-h 17 minutes \$2.00

TEACHERS' CRISIS (MOT)

The story of the critical situation which faces the American teacher and which constitutes a threat to our entire educational system.

general 17 minutes \$2.00

TEACHERS FOR TOMORROW (UWI)

A vocational guidance film on teaching. While indicating the expected demand for more elementary and secondary teachers, the film depicts the selection and preparation of teachers at all school levels. Student teachers are shown in teaching situations under the guidance of experienced personnel. The functions of a teacher placement bureau are shown.

h-c 22 minutes \$2.00

TEACHING (VGF)

Covers educational and training requirements and shows the activities in which a teacher partakes in the modern school.

h-c 11 minutes \$1.25

TEACHING MARGINAL REMINDERS: SHORTHAND (McGH)

Part of a series of six films demonstrating the teaching of shorthand in actual classroom situations. Other titles are: First Lesson in Gregg Shorthand Simplified, Typical Lesson in Gregg Shorthand Simplified, Developing Shorthand Speed, Doing Homework in Gregg Shorthand Simplified, and Doing Homework in Gregg Shorthand Simplified: Functional Method.

h-e-a 10 minutes \$1.25

TEACHING MATERIALS CENTER (VDE)

Shows the organization, variety of materials, and classroom significance of a county teaching materials center.

i-j-h 11 minutes \$1.25

TEAMWORK (SM)

An object lesson in cooperation within a social group. A school group, planning and putting on a dance, illustrates various types of cooperation—open discussion, cooperation for mutual benefit, using trickery, using force, etc. These illustrations are then related to a larger picture—how they work in national and international relations. Emphasizes necessity for social teamwork at all levels in today's world.

j-h 18 minutes \$2.00

TECHNIQUE IN TENNIS

(TFC, Restricted to Classroom Use)

A tennis instructor, Lloyd Budge, brother of Don Budge, demonstrates correct practices in such fundamentals as forehand and backhand grips, routine shots, and service. Explanations of footwork, timing, and an exhibition of net play complete the film. Slow motion photography is used for showing form and technique.

j-h-e-a 9 minutes \$1.25

TEDDY BEARS AT PLAY (UW)

Shows the Australian Koala Bear at play, running around on the ground—wrestling with other Koala Bears, in trees, etc. A nice musical background and a voice singing a song about Teddy Bear's Picnic.

p 9 minutes \$1.25

TEDDY, THE ROUGH RIDER

(TFC, Restricted to Classroom Use, Color)

The biography of Theodore Roosevelt from 1898 to 1914 shows his activity successively as President of New York Police Commission; as Assistant Secretary of the Navy; his organization of the Rough Riders and participation in the Spanish American War; his election as Governor of New York State; his nomination and election to the Vice Presidency and Presidency of the

United States. Throughout the film the impression is given of rugged and constructive honesty in his handling of self-seeking politicians, labor disputants and un-American influences, both before and after the First World War.

i-j-h 19 minutes \$3.00

TEEN AGE FARM HAND (F, Color)

Shows the farm activities of a boy who takes care of the animals, milks cows, runs the farm machinery, etc. Contains much factual knowledge of farm work.

p-i-j-h 11 minutes \$2.25

TEEN NUMBERS (YA)

Develops the meaning of the place value of the teen numbers. Concepts developed in this film are basic to understanding the nature of our decimal number system.

p 11 minutes \$1.25

Biology

THE ATOM AND BIOLOGICAL SCIENCE

BIOLOGY ORIENTATION

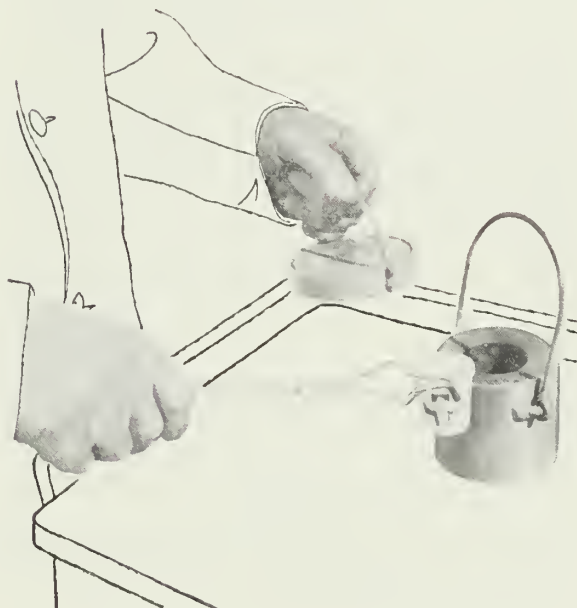
HUMAN HEART

HUMAN SKIN

NINE BASIC SYSTEMS OF THE HUMAN BODY

POND LIFE

SENSITIVITY OF PLANTS



TEETH, THE (EB)

Animated drawings and direct photography present vividly four vital problems in connection with teeth. They are: how teeth develop and grow, which foods help to build strong teeth, how to brush the teeth, and how the dentist cares for our teeth. The development and growth from the time when the first tooth bud appears in the three-month-old embryo until appearance of the final permanent tooth in the late teens is presented by animated drawings.

i-j-h-c 11 minutes \$1.25

TEETH ARE TO KEEP (NFBC)

Fine cartoon technique demonstrates in an interesting and entertaining manner four ways in which teeth may be kept healthy. Brushing teeth after eating, eating the right kinds of foods, avoidance of too many sweets, and visiting the dentist twice a year are the four steps suggested. They are presented slowly and clearly enough that children can grasp them easily.

p-i 10 minutes \$1.25

TEHUANTEPEC (OIAA, Color)

Tehuantepec, with its thatched roofs, picturesque countryside, and faithfully preserved traditions is one of Mexico's most attractive villages. The women of Tehuantepec dominated the scene in the market place; for it is understood that the men are to work in the fields while the women engage in trade. The clothing worn is exceptionally beautiful and bright colors are inevitable. A gay wedding party is shown and a fruit festival is vividly described.

general 10 minutes \$2.25

TELEPHONE AND TELEGRAPH (VGF)

The role of both operators and maintenance people with both simple and complex equipment, like Teleprinters and Multiplex machines, is well illustrated. The need for some highly specialized technically trained people in both the telephone and telegraph business is mentioned. Reference is also made to office workers and managers in this interesting guidance film.

j-h 11 minutes \$1.25

TELEPHONE AND THE FARMER, THE (USDA, Color)

Shows the inadequacy of many rural telephone systems and the resulting hardships for the farmers and residents of rural communities. The story tells of one community and how it attacked the problem of poor and inadequate telephone service with the cooperation of the REA telephone division.

h-a 31 minutes \$1.00

TELL-TALE HEART, THE

(TFC, Restricted to Classroom Use)

This film presents a dramatization of Edgar Allen Poe's "The Tell-Tale Heart," which deals with a weaver's apprentice who murders his cruel master and is driven to confession by a guilty conscience and the imaginary, haunting sound of the murdered man's heartbeat.

h-c 20 minutes \$2.00

10,000 FEET DEEP (SOC)

This picture was filmed in the beautiful bayous of Louisiana and will give authentic information on present-day methods of oil exploration and drilling.

j-h-c 20 minutes Handling charge, \$1.00

TENNIS FOR BEGINNERS (OF)

Former tennis champion Bill Tilden narrates and appears in the film to teach a boy how to play tennis. The boy is shown attempting each step, and the film ends with the beginner and the expert playing a game.

i-j-h 11 minutes \$1.25

TENNIS TACTICS

(TFC, Restricted to Classroom Use)

Here Fred Perry shows us the technique in practicing for sustained relays and for short placement. This is followed by illustrations of teaching technique for service, pivot shots, a spinning ball, and a service stance. Slow-motion photography is used extensively.

j-h-c 11 minutes \$1.25

TERRIBLE TWOS AND THE TRUSTING THREES, THE (McGH)

An examination of the growing years between two and four. The two-year old's constant activity may seem undirected but he is learning and he must have a wide range for his mind and body to grow. When discipline is necessary, it comes best in some form of distraction. But at three his orbit has expanded and he is interested in the activities of those around him. His activities become more purposeful and he is very conscious of social approval. He is interested in practicing newly-acquired skills and frequently forgets his food, he is so interested in talking. But at his age talking is so much more important.

c-a 20 minutes \$2.00

TERRITORIAL EXPANSION OF THE UNITED STATES FROM 1783 TO 1853 (IG)

Depicts the growth of the United States from colonial infancy to full continental stature. Animated maps are used extensively, and boundary disputes are clearly explained. The subject is portrayed in a manner to accord with modern teaching methods.

j-h-c 20 minutes \$2.00

TERRITORIAL POSSESSIONS OF THE UNITED STATES (IG)

Continuing the story of American expansion, the film covers in detail the acquisition of the insular possessions of the United States, and of Alaska and the Canal Zone. Animated maps are used to show the locations and sizes, and authentic scenes of the possessions are supplemented by original motion pictures of historical events and personalities.

j-h-c 20 minutes \$2.00

TESTING INTELLIGENCE WITH THE STANFORD-BINET (IU)

Consists chiefly of synchronous sound sequences showing the unrehearsed reactions of four children to selected items from the Stanford-Binet. The narrator supplies additional information where clarification is needed. The two six year olds tested have I.Q.'s of 104 and 156 respectively; the two ten year olds, I.Q.'s of 100 and 80, respectively. The children vary greatly in their performances on the test items shown, thus allowing for excellent comparisons and contrasts.

c 18 minutes \$2.00

TEXAS (MOT)

Impressive scenes of the Lone Star State that reveal its almost legendary wealth. Texans know that, as nations move toward self-sufficiency, Texas must balance its economy, look beyond its air and sea gateways to Latin America and the world, toward industrialization and diversification.

j-h-c 11 minutes \$1.25

TEXAS AND ITS NATURAL RESOURCES (USBM, Color)

Describes the magnitude of the State's mineral and energy resources which have accelerated the diversity and rapid growth of industry. Agriculture, cattle and sheep raising, and transportation facilities as well as the variety of scenery and climate are depicted. Industries stressed include: petroleum and natural gas, sulphur, magnesium and chemicals.

h-e-a 43 minutes \$1.00

THANKSGIVING (EB, Color)

The pleasant events associated with the preparation for Thanksgiving. One of a series of films about several holidays.

p 5 minutes \$2.25
(One day during November)

THAT MAN SAMSON

(TFC, Restricted to Classroom Use)

A simple Negro's conception of the Samson story with Negro spirituals sung by the Hall Johnson choir.

The film opens with a Negro preacher addressing his congregation on the subject of Samson and Delilah.

The drama of these two is then enacted as the congregation might imagine it.

The Lord converses with Samson. He is served supper by his wife, who later cuts off his hair as he lies sleeping. Then Samson is led away by soldiers. Persecuted in the Temple, he pulls down the pillars, and walks away through the Philistine crowd.

Among the spirituals sung by the choir are "That Man Samson," "Go Down in the Lonesome Valley," "Dey Goin' to Deliver Our Enemies into Our Hands," "Come on Samson," and "Didn't My Lord Deliver Samson?"

j-h-c 25 minutes \$2.00

THAT ALL MEN ARE CREATED EQUAL (AFL, Color)

There is no scientific basis for discrimination. Suggests ways to fight discrimination and shows some of the ways in which it effects union strength, individuals, communities, and nations.

h-c-a 19 minutes \$3.00

THAT MOTHERS MIGHT LIVE (TFC, Restricted to Classroom Use)

Story of a young doctor's fight against child-bed fever, and his discovery that the disease was spread by germs.

When an associate dies after having cut himself with an instrument, Dr. Semmelweiss concludes germs may be carried from the delivery room to the patients. The head of the hospital grudgingly agrees to a ruling that everyone must scrub his hands before handling patients, and the death rate drops.

Dr. Semmelweiss wants to publish the results of the experiment, but the hospital staff refuses to cooperate and demands his resignation. Whereupon he publishes a book that is not read, and eventually his mind breaks under the strain and he ends his days in the Vienna Insane Hospital. In time, however, his book is rediscovered, is read, and accepted in all parts of the world. Pasteur, Lister, and many others were stimulated by it.

h-c 11 minutes \$1.25

THEN IT HAPPENED (USDA, Color)

Shows the great Maine forest fire of 1947. The picture contrasts the peaceful New England scene before the fire with the fury of the conflagration. The theme of the picture is: Be careful always. It happened in Maine — don't let it happen where you live. The tragedy and awful beauty of the fire is made more impressive by the excellent background music.

general 11 minutes \$2.25

THERE AIN'T NO SUCH ANIMAL (TFC, Restricted to Classroom Use)

Off the great barrier reef of Australia, some of the world's strangest animals were filmed for this subject —

the deadly stonefish, giant mantis pawn, Barrier Reef starfish, walking fish, mud skipper, and giant turtles weighing over 350 pounds.

j-h-c 10 minutes \$1.25

THERE SHALL BE PEACE (ASF)

Depicts how the idea of peace, and the birth of the United Nations grew out of the cauldron of war. Deals with the struggle to preserve peace in the post-war world in the shadow of the atomic power.

j-h-c-a 10 minutes \$1.25

THERMODYNAMICS (EB)

Deals with selected heat phenomena such as: molecular action in heat transfer, combustion, mechanics of the steam engine, steam turbine, gasoline and Diesel engines. The first and second laws of thermodynamics are explained. Both natural and animated photography vitalize the concepts involved.

h-c 11 minutes \$1.25

THESE ARE THE MEN (OWI)

The film bitterly brings the condemnation of the peoples of the world down on the heads of the four Nazi leaders—Hitler, Goebbels, Goering and Hess. Worked into the film are scenes showing how the Nazi leaders are debasing and poisoning the minds of the youth of Germany.

h-c 11 minutes \$1.25

THESE FISH ARE YOURS (WLF)

The complete life cycle of the trout which are found in streams on the eastern slopes of the Rocky Mountains. Includes pictures of the golden trout, rainbow or brook trout, and Mackinaw or lake trout.

j-h-c-a 28 minutes \$3.50

THEY LIVE AGAIN

(TFC, Restricted to Classroom Use)

This is the remarkable true drama of Dr. Banting's search for a cure for diabetes. Once, after weeks of painstaking research, Banting thought he had a cure. A diabetic dog was brought out of a coma and leaped happily about the laboratory. Dr. Banting and his assistant joyfully took the day off. In the morning the diabetic dog was dead. Again the work was resumed. Then one day Dr. Gilchrist, a medical classmate of Dr. Banting, walks in. Gilchrist was dying of diabetes and he offered himself to Banting as a laboratory subject. True to the facts, Gilchrist recovered. Insulin is the weapon man now uses to defeat the once incurable disease, diabetes.

j-h-c 11 minutes \$1.25

THINGS EXPAND WHEN HEATED (YA)

Demonstrates by animation and simple photography the movements of molecules before and after heat is

applied, showing that their accelerated movement requires more space and therefore causes expansion. It uses many concrete examples.

i-j 11 minutes \$1.25

THIRSTING STONES, THE (C)

Re-enacted against a pastoral setting, and narrated by a children's storyteller, this is an adaptation of the fairy story about the stones that revealed a treasure and the shepherd boy who is rewarded for his goodness.

p-i 13 minutes \$2.00

THIRSTY LAND (KB)

The tremendous importance of water to the dry lands of Arabia and the middle east is strikingly presented. How ditches are used to lead water to fields, ancient water wheels used to lift water from wells and onto fields, and the tense anxiety when there is no rain.

h-c-a 11 minutes \$1.25

THIS CHARMING COUPLE

See

MARRIAGE FOR MODERNS: THIS CHARMING COUPLE

THIS IS ALUMINUM (USDI)

Illustrates the use of aluminum in transportation, in the home, in building, and in industry. Shows sources of bauxite from which aluminum is extracted and countries in which the mineral is found. Next is shown the mining of bauxite: Removal of dirt and gravel, cleaning, drilling, blasting, and loading. Depicts crushing, washing, screening, kiln drying, and shipment of ore. There follow scenes of removal of impurities from aluminum oxide, mixing bauxite with caustic soda solution, digesters which convert solution to sodium aluminate, filtering impurities, and sodium aluminate tanks in which aluminum hydroxide is precipitated.

Removal, washing, and heating of aluminate hydroxide in kilns. The resulting chemical, alumina, is shipped to points where electricity is cheap. Shows mixing of coke and pitch for making carbon electrolytic cell in which aluminum is made, tapping molten metal, casting pigs, remelting pigs to remove dross and electrolyte, charging furnace and casting ingots.

i-h-c 28 minutes Handling charge, \$1.00

THIS IS ECUADOR (OIAA)

An educational and entertaining film on Ecuador stressing the strategic importance of the Galapagos Islands, and their nearness to the Panama Canal, the life line of the Americas. There are scenes of the islands showing the wide variety of plant and animal life that exists there. There is also an analysis of Ecuador's resources.

general 20 minutes \$2.00

THIS IS OUR LAND (EC)

To highlight the importance of soil conservation and to help America's farmers prevent further devastation of their soil by wind and rain, is the objective of this film.

h-c 26 minutes Handling charge, \$1.00

THIS IS THE MOON (YA)

Explains the relation of the moon to the sun and the earth, how the moon gets its light, the phases of the moon, and its physical characteristics.

i-j 11 minutes \$1.25

THIS SPANISH-SPEAKING WORLD (GAF)

This picture takes us on a flying trip to the Iberian Peninsula. We trace the origin and development of the word "Spain" and the history of the Peninsula. We then become acquainted with the various types of Spaniards. We move to the Western Hemisphere. In the Spanish America we see people at work and at play which familiarizes us with the wide variety of people and types of people whose native language is Spanish. We visit Mexico, Argentina and Cuba.

j-h-c 11 minutes \$1.25

THIS THEATRE AND YOU (WB)

Depicts the role of the theatre and the man who runs it, not only in relation to the motion picture industry, but also in relation to each community. Includes excerpts from dramas, musical productions, adventure films, travelogs, animated cartoons, and newsreels.

j-h-c-a 11 minutes \$1.25

THIS WORLD OF OURS — MANITOBA (NFBC, Color)

A colorful parade of Manitoba's attractions for the holiday-maker, with pictures of its sports facilities, scenic beauties, main cities and industries. From the United States border to northern wilderness, the camera takes us across the Province, dwelling on characteristic scenes along the way: broad wheat fields, busy cattle yards, the provincial fair at Brandon, and the ideal vacation-land of Riding Mountain National Park.

general 11 minutes Handling charge, \$1.00

THOMAS JEFFERSON (EB)

Outlines the career of Jefferson by dramatizing incidents that characterize him best. Includes scenes of writing the Declaration of Independence, contributions to social reform, success as minister to France and as secretary of State, political campaign for Presidency, the Louisiana Purchase, the commissioning of Lewis and Clark, and his founding of the University of Virginia.

i-j-h 20 minutes \$2.00

THOUSAND DAYS, THE (OWI)

Shows how the factories of Canada were converted to war production and how from them came guns and tanks and shells. It shows how Canada has become a haven for English children bombed from their homes, an internment camp for Nazi prisoners, etc. In short, it shows the changes made in Canada during her 1,000 days of war.

j-h-c 21 minutes \$2.00

THREE AMERICAN BALLADS (UW, Color)

A series of beautifully done still sketches illustrates the three ballads, "Acres of Clams," "Ol' Dan Tucker" and "John Henry," which are sung to a guitar accompaniment. Three ballads of America's most famous folk traditions brought to life on the screen.

general 10 minutes \$2.25

THREE CITIES (OWI)

Three typical American war-industry cities and how the war-workers in each tackled and solved the problem of living is the subject of this Office of War Information film. The film is of special value in areas which have had a great increase in population due to the war.

h-c 10 minutes \$1.25

THREE COUNTIES AGAINST SYPHILIS (USDA)

Shows how the control of syphilis is being effected in the three South Georgia counties of Camden, Glynn, and McIntosh, through the use of a trailer clinic. The public health campaign against syphilis is shown first in the cities, where clinics provide treatment. For the country districts, a mobile clinic is used in an automobile trailer to go to the patients. The work of finding the patients, making tests, and the treatments are shown. The subject of the film is treated in a delicate manner so that the film is suitable for showing to any audience. Produced in 1939 by the U. S. Public Health Service; accompanying music by Hampton Institute Choir; narrated by Alois Havrilla.

h-c 19 minutes \$2.00

THREE DEEP (IU)

A fourth grade group forms a double circle to play this active game. Teacher chooses a runner and a chaser who demonstrate the general rules of the game. The variations *Third Man* and *Two Deep* are shown.

p-i 6 minutes \$1.25

THREE FOX FABLES (EB)

With life photography, this film recaptures all the fascination of three of Aesop's best loved fables: "The Fox and the Grapes," "The Fox and the Crow," and "The Fox and the Stork." Ingenious direction of real

animals in attractive woodland setting brings to life the famous stories told and loved for centuries.

p 10 minutes \$1.25

THREE LITTLE BRUINS (UW)

In this film concealed cameras steal amazing, intimate, action shots of baby bears and many timorous creatures of the wild. They will amaze you, and make you marvel at the human things they do. Only invisible people could see the wild things of the woods as this great film shows them.

p-i 11 minutes \$1.25

THREE LITTLE BRUINS MAKE MISCHIEF (Castle)

A hilarious story of three small bears who, one day, wander out of their forest and happen upon a farm. Their visit involves encounters with such oddities—to a bear—as a cow, a goose and a horse. Then they find the kitchen which, naturally, complicates things.

general 11 minutes \$1.25

THREE LITTLE KITTENS (EB)

While these little kittens put on no mittens, they do capture the interest of all who follow them during their active experiences. Discovered in the barn with their mother by a farmer's wife, they provide an opportunity for learning about the characteristics of cats in general. When about two weeks old, the kittens are carried by their mother to a new home in an old buggy, where they learn to feed, clean themselves, and to play. Later they have a skirmish with a dog and learn to catch mice. Finally, two of the kittens are given to local tradesmen by the farmer's wife.

p-i 11 minutes \$1.25

THREE MORE LITTLE PIGS GO TO MARKET (PCA, Color)

Shows sanitation practices being used by hog producers; combination pasture and concrete feeding floors, pasture systems and confinement systems.

h-c-a 20 minutes No charge

THREE TO BE SERVED (NAM)

Is based upon Frederick Crawford's concept of the "American Triangle of Plenty," which aroused such favorable comment in his address and in a Readers' Digest article of 1943. The picture tells a simple human story explaining the principles that have made America prosperous and suggesting constructive thinking on the problems of the postwar period.

j-h-c 27 minutes \$3.00

THREE WISHES, THE (ASF)

Presents the story of a peasant who aids two gnomes and is rewarded with three wishes. The peasant wastes

the first wish on his supper; his wife loses the second wish through anger; and the last wish is lost to repair the damage done by the second wish. Stresses the moral that greed does not pay.

p-i 11 minutes \$1.25

THROWING IN BASEBALL (EB)

Explains, with comprehensive action and commentary, the various techniques to be mastered in learning to throw a baseball effectively. Professional players furnish demonstrations which are made remarkably clear by such unique motion picture devices as stop-motion, slow-motion, and close-up photography. Four throws are analyzed: the overhand, the three-quarter, the sidearm, and the underarm.

j-h-c 11 minutes \$1.25

THRUSHES AND RELATIVES (EB)

The habitats, feeding habits, brooding, development and activities of the Bushtit, Chickadee, Hermit-Thrush, Russet-backed Thrush, Robin, Bluebird, and Water Ouzel are revealed by spectacular photography. Natural sounds of the different bird calls and songs render the production unusually valuable as an instructional aid. It is of interest to students of all ages and contributes materially to a better understanding and appreciation of birds and their value to mankind. Animated drawings visualize habitats and migration.

p-i-j 11 minutes \$1.25

THUNDER AND LIGHTNING (YA)

Explains thunder and lightning in simple terms. Combines the cause of lightning with the rubbing together of certain objects causing them to become charged with electricity. Discusses protective measures against electrical storms.

i-j 11 minutes \$1.25

THUNDERING WATERS (NYC, Color)

Points out the glacial relationship of Niagara Falls in the topography of the Great Lakes Region, and portrays the many points of interest which have drawn innumerable sightseers to the scenic area.

general 22 minutes Handling charge, \$1.00

TIDES (ALF)

Photographs and animation are used to explain the regular changing of the tides.

j-h-c-a 10 minutes \$1.25

TIME AND MOTION STUDY PRINCIPLES (UIO)

Shows the most important principles of motion study and illustrates how these principles may be applied to specific operations.

c-a 21 minutes \$2.00

TIME AT SEA (USN)

Shows the workings of the ship's clock and its record. Time and time errors are discussed.

h-c 18 minutes \$2.00

TIME TO SPARE (MCS)

This film shows some of the activities of a one-teacher school where progressive teaching methods and thoughtful time-block planning provide "time to spare" for enriched individual and group teaching.

22 minutes \$2.00

TIN FROM BOLIVIA (USBM)

Primitive methods of producing tin are contrasted with present-day processes. Scenes from a Bolivian mining village and mining methods as well as smelting processes are well photographed.

j-h-c 20 minutes Handling charge, \$1.00

TIN FROM MALAYAN JUNGLE (HFE)

Clearly demonstrates the interdependence of the world through the exchange of goods. To effectively mine the rich tin deposits of Malaya, workers and machinery come from all over the world, and the refined tin is sold in many countries. New and old methods of production are contrasted and questions concerning standards of living and of conservation of natural resources are proposed.

j-h-c 11 minutes \$1.25

TINPLATE (USBM, Color)

Portrays the manufacture of tinplate, basic material of the 50 million tin cans that Americans use every day. A brief history of methods of making tinplate is followed by a step-by-step description of the modern methods: hot dip and electrolytic. Narration is in non-technical language.

j-h-c 27 minutes Handling charge, \$1.00

TINY WATER ANIMALS (EB)

The life processes and activities of amoebae and paramecia are shown. The activities of the amoebae are given major emphasis. The film also reveals other interesting creatures such as the wheel animalcule, chiloden, swan animalcule and stentor. Microphotography makes this an unusually interesting picture.

j-h-c 11 minutes \$1.25

TIPPY THE TOWN DOG (EB, Color)

Tippy belongs to Mr. Black, who tells Jimmy he can come over and play with Tippy any time. When Jimmy goes to school, Tippy looks around for someone to play with, but can find no one. Jimmy comes home from school, and Tippy isn't there. He goes to look for Tippy, and finally the two are re-united.

p-i 10 minutes \$2.25

TITO: NEW ALLY? (McGH)

Inside the Yugoslavia of today. Highlights the nation-wide drive for literacy, the establishment of vocational training schools and the state-organized trips for the workers. Reviews the recent history of American-Yugoslavian relations and raises the question of Yugoslavia's position in the conflict between the USSR and the West.

h-c-a 18 minutes \$2.00

TO MARKET, TO MARKET (F, Color)

Shows the flow of business from the producer through the different middlemen to the retailer and consumer.

j-h-c 11 minutes \$1.25

TODAY'S CHICKS (USDA, Color)

Today's chicks are produced by a highly specialized industry of more than 9,000 commercial hatcheries. Many of these hatcheries operate under the National Poultry Improvement Plan. Scenes cover the basic operations of this program including selecting breeders, methods of testing them for pullorum disease, sanitation procedures in the hatchery and in the field, and the production of pedigreed breeding stock. Emphasis is given to the point that raisers of poultry should carefully choose their sources of chicks.

h-c-a 18 minutes \$3.00

TOMMY THE LION (YA)

The story of a typical day with a pet lion cub and his owners, Mr. and Mrs. Owens, of Garden City, Kansas. Tommy plays with the children, visits school, and makes a trip to the veterinarian. The story structure points up the parallel between Tommy's daily life and habits and those of the children.

p 10 minutes \$1.25

TOMMY'S DAY (YA)

Is designed to teach some simple health habits and to provide the child with an orientation to the understanding of a simple pattern of everyday life.

p 15 minutes \$2.00

TOMORROW'S MEXICO (MOT)

As a result of Mexico's war production record they are in the midst of industrial expansion. However, even more important than the economic boom is the Mexicans' determination to throw off the bonds of ignorance and raise the standard of living.

j-h-c 17 minutes \$2.00

TOP LINER (BIS)

This is the story of the largest ocean liner, the *Queen Elizabeth*. Her staff and crew are so efficiently organized that the 83,000 ton ship can carry 2,314

passengers across the Atlantic in maximum comfort and can be prepared for the return voyage in two days. The film depicts the *Elizabeth's* luxurious accommodations and her efficient power plant.

i-j-h 22 minutes \$2.00

TOPSOIL (UW)

The story of one of America's richest treasures — the thin layer of topsoil on which we depend for most of our food, clothes, and other necessities of life. Shows why and how both city and rural people are dependent upon the topsoil of productive farmlands. Explains how topsoil was made by nature through the centuries, and how and why it should be conserved.

i-j-h-c-a 10 minutes \$1.25

TORONTO SYMPHONY ORCHESTRA (NFBC)

Sir Ernest MacMillan conducting the Toronto Symphony Orchestra in the Jamaican Rumba by Benjamin, A St. Mala by MacMillan, and Overture to Opera Colas Breugnon by Kabalevsky.

h-c 11 minutes \$1.25

TOUCHDOWN THRILLS OF 1950 (OF)

Short "clips" of highlights from the following football games of the 1950 season: Purdue vs. Notre Dame; Army vs. Harvard; Kentucky vs. Georgia Tech; Ohio vs. Northwestern; Texas vs. Southern Methodist; Princeton vs. Cornell; Oklahoma vs. Texas.

j-h-c-a 9 minutes \$1.25

TOURNAMENT OF ROSES PARADE, 1952 (UI, Color)

Brilliant scenes of the Tournament of Roses Parade in Pasadena, California on New Year's Day in 1952. Thousands of brightly colored fresh flowers make up the interesting and varied floats.

general 30 minutes \$4.00

TOWN IN OLD MEXICO, A (OIAA, Color)

Puebla, Orizaba, and Fortin de las Flores are the three villages seen in the beautiful color film which is narrated by Orson Welles. Seventeenth Century buildings of extraordinary architectural merit, and interiors of homes still in use are shown as classic examples of the architecture of the Spanish conquistadores. In Fortin de las Flores, flowers grow in such profusion they perfume the countryside for miles around.

general 10 minutes \$2.25

TOWN WITHOUT WATER (ECA)

Southern Italy is dotted with hundreds of small, inaccessible, backward towns. For years, because of water scarcity and lack of sanitation facilities, the

people of these towns have been particularly susceptible to typhoid. These communities now benefit from water projects financed by E. R. P. funds — aqueducts that bring not only water but life itself to the townspeople.

j-h-c-a 10 minutes Handling charge, \$1.00

TOYMAKER, THE (ATH, Color)

Two hand puppets, Spots and Stripes, learn that in spite of slight differences in appearance, they are both animated by the same power — the hands of the toy-maker. They then resolve to be friends instead of rivals.

p-i-j-h-c-a 15 minutes \$3.00

TRACKING THE SLEEPING DEATH (TFC, Restricted to Classroom Use)

David and Mary Bruce are sent to Uganda by the British government to search for the cause of sleeping sickness plague that has broken out among the natives. They eventually discover that the germ is carried by the tsetse fly.

The Bruces, who had fought plagues and epidemics in all parts of Africa, have retired, but answer the call to go to Uganda. The natives of the interior beat their drums to a rhythmic message urging that all whites be driven out.

In a spinal fluid taken from a sick native, Bruce finds a germ he knows is carried by the tsetse fly. This fly is not thought to exist in Uganda, but after days of search, he finds that it does. The microscope reveals that it carries the germ.

He urges the natives to leave that section of the country and is resisted by the witch doctor. After the witch doctor refuses to put his hand into a screened box of tsetse flies, however, the natives lose confidence in him and take Bruce's advice.

j-h-c 11 minutes \$1.25

TRADE AND INDUSTRY — GREAT BRITAIN (UW)

Great Britain became a great world power because of her intensively developed industrial potential, a large highly skilled labor force, a transportation system and shipping facilities which have made it possible to import raw materials and ship out manufactured goods at low cost. The film opens in London, nerve center of the British Empire. It shows London, the metropolis, the port, financial headquarters and government seat. An animation sequence locates Britain's industries, natural resources, and transportation facilities. The film then takes us to Newcastle, industrial town in northern England. The film presents a British family and follows its various members as they go about their tasks in shipyards, factories, and coal mines.

i-j-h 22 minutes \$2.00



BALLAD OF THE WEST

A cowboy's search for a "spread of his own."

15 MINUTES RUNNING TIME

\$2.00 PER WEEK

TRADING CENTERS OF THE PACIFIC COAST (C)

Beginning with a uniquely animated map and following with live action photography which captures the vitality of Seattle, Portland, San Francisco, Los Angeles and San Diego, this film illustrates the components that make a small trading post grow into a large trading city.

i-j-h-c 11 minutes \$1.25

TRANSFER OF HEAT (YA)

Illustrates and explains the principles by which heat is transferred from one point to another, by conduction, convection and radiation.

j-h 11 minutes \$1.25

TRANSFER OF SKILLS (BIS)

Shows peacetime craftsmen being converted to wartime production. Tells of the similarity of the wartime and peacetime jobs of jeweler, watch-maker, fishing-rod manufacturer, boatman, fisherman, and an engine-turner.

h-c-a 11 minutes \$1.25

TRANSPORTATION (BUS-TRUCK-TAXI) (VGF)

The kind of jobs, in general, several million people have in the bus, truck and taxi business forms the basis of this film. Several jobs are briefly analyzed so as to point out the traits of character and personality required. Recommended for use in guidance classes.

j-h 11 minutes \$1.25

TRANSPORTATION IN THE U. S. (MOT)

Every year a ton of freight must be transported more than 4000 miles to keep the average U. S. citizen supplied with basic necessities. As the film shows it takes the concerted efforts of all forms of transportation—railroads, airplanes, trucks, buses, ships—to meet these requirements.

general 18 minutes \$2.00

TREASURE FROM THE SEA — MAGNESIUM (USBM, Color)

Magnesium, the lightest of the structural metals, is obtained from the sea. Unlike the pirate's treasure with its monetary value, magnesium's value lies in its light weight, thus releasing more energy for work in such machines as locomotives, airplanes, and automobiles.

j-h-a 11 minutes Handling charge, \$1.00

TREASURE HOUSE (RKO)

Takes you into the Smithsonian Halls to see a history of aviation, the rare gowns of the Presidents' wives, to supervise the preparation of half a million animal specimens. It takes you out on jungle expeditions to find the lost secrets of ancient civilizations, to Bikini to measure atomic bomb effects, to Brazil to chart the sun's course in an effort to rob the solar system of its secrets.

general 17 minutes \$2.00

TREASURE ISLAND

(TFC, Restricted to Classroom Use)

A school abridged version of the feature-length dramatization of Robert Louis Stevenson's book.

i-j-h 40 minutes \$4.00

TREASURES FOR THE MAKING (GFC, Color)

The use of liquid and dry pectin to make jellies from fresh, frozen, and dried fruits, as well as from commercially prepared fruit juices. The long and short boil methods are shown.

j-h-c-a 20 minutes \$1.00

TREE GROWS FOR CHRISTMAS (UW, Color)

The story of the Christmas tree in history and legend and the Christmas tree industry of today. Shows that cutting of trees for decoration is not a wasteful practice. On the contrary, when properly done, it is a good forestry practice. Trees are cut and marketed and the proper methods of handling the tree after it

is brought home are illustrated. The picture ends with a short sequence on trimming the tree for Christmas Day.

general 11 minutes B&W \$1.75
Color \$2.25
(one day only)

TREE OF LIFE, THE (USDA)

A peaceful opening sequence of majestic natural beauty is followed by one which quickly builds a picture of mass destruction of the U.S. timber resources through unplanned lumbering. A plan for the restoration and protection of the nation's trees is presented.

j-h-c 20 minutes \$2.00

TREES FOR TOMORROW (AFP)

Tells the importance of our renewable forest resource with emphasis on the improved scientific management of tree-producing lands. It shows both early American and modern utilization of wood and how trees are grown for tomorrow.

j-h-c 20 minutes \$2.00

TREES TO TAME THE WIND (USDA)

Depicts not only the success of windbreaks but their effects on the lives and fortunes of those who have taken advantage of them.

general 22 minutes \$2.00

TREES TO "TRIBUNES" (CT, Color)

Utilizing splendid photography, narration, and orchestral accompaniment, this film presents the pictorial story of producing a modern metropolitan newspaper, the *Chicago Tribune*. The film has three main divisions presenting: the gathering of pulpwood, making newsprint, and producing a newspaper.

j-h-c 45 minutes Handling charge, \$1.00

TRIODE (USOE)

Reviews the diode principle, compares the diode and triode, explains the triode amplifier circuit, amplification of D. C. voltage changes, amplification of alternating voltages, distortion, and amplification of audio-frequency signals.

j-h-c 14 minutes \$2.00

TRIPLE THREAT OF BRUCELLOSIS (USDA)

Tells the story of brucellosis, a disease that each year takes a heavy toll of livestock causing huge losses to the livestock industry. As undulant fever, it takes its toll of human lives, too. Covers three phases of brucellosis as it attacks animals, and shows the nature of the disease and recommends measures of control and eradication.

c-a 27 minutes Handling charge, \$1.00

TRIUMPH WITHOUT DRUMS

(TFC, Restricted to Classroom Use)

The story of Dr. Harvey W. Wiley and his struggle to secure the enactment of the Pure Foods and Drug Bill is effectively told. He became interested in the problem when, during the Civil War, he became a victim of ptomaine and was rendered unfit for further active duty. Honorably discharged, as a food casualty, he undertook an intensive research into the chemistry of foods in search for the cause of ptomaine from canned foods. During the research he discovered the unwholesome conditions under which much of the packaging of foods was taking place. After several defeats at the hands of lobbyists for the packing interests, his campaign was finally crowned with success through the support of President Theodore Roosevelt.

j-h-c 10 minutes \$1.25

TROOP TRAIN (OWI)

Today's armies move on wheels—swiftly, surely over the steel rails that bind America together. Orders come to move the 201st Armored Division from "X" to "Y". From the traffic control center in Washington go orders obtaining the necessary cars and locomotives, routing them to "X", clearing a right of way to "Y". The film shows the regular routine of the soldiers aboard a troop train.

j-h-c 11 minutes \$1.25

TROPICAL LOWLAND—THE AMAZON RIVER, BRAZIL (UW)

In this film, we study life in a large, hot, humid lowland dominated by forests. Although this area is rich in tropical products, it is sparsely populated. In the film, we see native families in their river front jungle homes, engaging in primitive subsistence farming, and gathering forest products, such as wood and nuts. The only connection with the outside world is the Amazon River, down which the natives make trips to small trading posts where river steamers collect their jungle products for transport to the port of Manaus, from whence they are shipped to all parts of the world.

i-j-h 22 minutes \$2.00

TROPICAL MOUNTAIN LAND—JAVA (UW)

To know the people of Java is to know the land and all it has given them. Here is great wealth in oil, rubber, teak, quinine and the soil itself because it is constantly enriched and renewed by volcanic ash. The story is focused upon four men of a train crew. Their route is from coastal plain to mountain slope—from urban to rural scenes—from people employed in industrial activities to simple farmers dependent upon the soil. At the end, you know Java, you understand why fifty million people can earn a living on an island the size of New York State.

j-h-c 20 minutes \$2.00

TROUBLE SHOOTING YOUR CAR (UW)

What a driver should do to locate and correct minor car troubles; how to follow an orderly and step-by-step procedure in checking why a car won't start; and how to recognize symptoms of impending trouble.

h-c-a 12 minutes \$2.00

TRUCK FARMER, THE (EB)

Treats the geography of the Rio Grande delta and provides authentic recordings of the problems and activities of a truck farmer and his family. The labor question with respect to the employment of Mexican families for field work is portrayed. Planting, irrigating, spraying, harvesting, packing, and shipping truck crops are shown in detail. Scenes of the farmer's home life focus attention upon living standards made possible by the application of scientific farming methods.

p-i-j 11 minutes \$1.25

TRUCKS THAT SERVE OUR CITY (TOM)

Shows how trucks serve a modern city in respect to communication, food supply, sanitation, construction, and as a link between residents and railroads.

p-i 14 minutes \$2.00

TRULY YOURS: THE DRESS THAT FITS (USDA, Color)

A "how to do it" film by the Bureau of Human Nutrition and Home Economics of the U. S. Department of Agriculture. Expert advice is given on the buying of clothing and household textiles. Problems of dress size, cut, and construction are discussed with emphasis on garment alterations at home.

h-c-a 20 minutes \$3.00

TUBERCULOSIS IN POULTRY AND SWINE (USDA)

Shows sections where T. B. is prevalent and also gives ways by which it may be controlled.

j-h-c 15 minutes \$2.00

TUBERCULOSIS, ITS DIAGNOSIS, TREATMENT, CONTROL (EB)

Develops a general understanding and appreciation of the nature, prevention, diagnosis and treatment of pulmonary tuberculosis. Processes of primary infection and reinfection of the lungs are shown by animated photography. Photomicrography reveals tubercle bacilli surrounded by body defense cells. Tuberculin tests and X-ray examinations are demonstrated along with hospital treatments, including pneumothorax.

j-h-c 11 minutes \$1.25

TUGBOATS (EB)

In this film the tugboat is followed as it pulls a freighter out of its berth at the dock to begin a long

ocean voyage; as it tows a large oil barge across the harbor; and finally, as it joins with a number of other tugs to dock a giant ocean liner.

p-i 11 minutes \$1.25

TUNISIAN TRAVELS

(TFC, Restricted to Classroom Use)

There are scenes along the ancient road to Carthage and in the present-day city of Tunis. Old Roman ruins and a native village in the desert are shown. In Tunis the modern buildings are contrasted with native bazaars and the dazzling white of the Arab buildings.

i-j-h-c 9 minutes \$1.25

TURKEY (MOT)

Traces Turkey's history from the days when Constantinople was the capital of the Ottoman Empire to the present-day dictator-like government of Ismet Inonu and the continuing struggle to retain control of the vital Dardanelles.

general 18 minutes \$2.00

TURNING A CYLINDER BETWEEN CENTERS (UW)

Choosing and centering stock for a job; turning between centers; how to select the proper speed; how to select and use cutting tools; how to use the parting tool to establish diameter and length; how to use the skew chisel; how to sand turning work; and safety factors.

h-a 17 minutes \$2.00

TURNING A TAPER WITH THE TAILSTOCK SET OVER (UW)

Procedure followed when turning a taper on a lathe with the tailstock set over. Begins with a definition of the word "taper" and mentions some of the many ways in which they are used in machines. The three methods commonly used when turning tapers on a lathe are mentioned and the reason is given why it is sometimes necessary to use the set-over method.

h 17 minutes \$2.00

TURNING TWO DIAMETERS (PTC)

Traces the operations that are necessary to turn a gear blank with its shaft, from a solid piece of round stock. Turning the piece to rough size, laying off the gear blank, rough and finish turning the shaft, rough and finish facing, and facing to length are shown. A brief summary of the sequence of operations closes the picture.

h-c 22 minutes \$2.00

TURNING WORK HELD ON A MANDREL (UW)

What a mandrel is; on what type of job it can be used to advantage; how to fit the mandrel into the

workpiece; how to mount the mandrel and work between centers; how to protect the mandrel from injury by cutting tools; how to cut a bevel, using the compound rest; and how to calculate speed, feed, and set the controls.

h-a 20 minutes \$2.00

TURNING WORK ON A FACE PLATE (UW)

Various types of face plates; how to choose the proper face plate; how to attach the stock to the face plate; how to true up the work; how to scribe the work for inside turning; how to use the round nose chisel and diamond point chisel; and how to smooth the bottom of the recess.

h-a 15 minutes \$2.00

TWO DECADES OF HISTORY

(TFC, Restricted to Classroom Use)

A pictorial history of the period compiled from newsreels of 1927 through 1947.

j-h-c-a 22 minutes \$2.00

TWO LITTLE RACCOONS (YA)

Two little raccoons tell about their daily life and the trouble they get into. They are peacefully looking for food in the forest when they notice that the farmer who lives nearby is leaving. They go to the house and proceed to get into mischief there—until Bobby and Jane, the farmer's children, come back and catch them. They leave, vowing to stay in the woods where they belong.

p-i-j 10 minutes \$1.25

TWO VIEWS ON SOCIALISM (C)

Designed to stimulate an intelligent discussion on the difference between socialism and capitalism. It helps students to gain a necessary understanding of socialism. The basic charges levelled by socialists against the capitalistic society are made and effectively answered.

j-h-c-a 16 minutes \$3.00

TWO WAY STREET (OWI)

This short subject gives an account of how Lend-Lease worked for the benefit of all the United Nations all four years from the time it started to the present.

general 8 minutes \$1.25

TYPICAL LESSON: SHORTHAND (McGH)

One of a series of six films on teaching shorthand, filmed in actual classroom situations. Other films in the series are: Developing Shorthand Speed, Teaching Marginal Reminders, First Lesson in Gregg Shorthand Simplified, Doing Homework in Gregg Shorthand Simplified, and Doing Homework in Gregg Shorthand Simplified; Functional Method.

h-c-a 17 minutes \$2.00

UGLY DUCKLING (EB, Color; C, Color)

A charming adaptation of the classic fairy tale by Hans Christian Andersen. Highlights the adventures of a little swan who is raised with a brood of ducklings and rejected by all because he does not conform to the appearance of a duck. Finally, after many discouraging experiences, the ugly duckling discovers his true status as a swan of beauty and dignity.

p 11 minutes \$2.25

UN GRAND VERRIER (FSL)

Mariont, outstanding artist-artisan, is shown at work in the quarters of a glass factory, where he is permitted to carry on his original creations after hours. A large portion of the film has no verbal narration, but an original musical score to accompany the artist as he plans and executes his work of art. Narration in French.

j-h-c 20 minutes \$2.00

UN VIAJE A MEJICO (EB, Color)

Designed to meet the needs of first and second year Spanish students, this motion picture tells the story of the film "Airplane Trip to Mexico" in simple, slow-paced Spanish. As we watch the visiting American youngsters on their sightseeing adventures in Baja California, Mexico, we listen to a description of their activities in elementary Spanish. The film will be especially effective for beginning Spanish students when shown immediately following the English version.

h-c 11 minutes \$2.25

UNDER SOUTHERN STARS

(TFC, Restricted to Classroom Use, Color)

This is a fictionized story of the Civil War battle of Chancellorsville and of events preceding it on the Confederate side. Just before the battle, Jackson and Lee attend a party at a southern home where they discuss Hooker's plans and outline their own campaign. The daughter of the house, having overheard the soldiers question the loyalty of her lover, appeals to Jackson, who treats the incident lightly and sends the boy to Lee with a humorous message. Jackson had agreed to signal Lee when to attack Hooker, but since he is mortally wounded, he sends a most urgent message to Lee by the same boy who carried the humorous note. The boy delivers his message and the battle is won. Lee rewards the boy with a captaincy.

j-h-c 20 minutes \$3.00

UNDERSTAND YOUR EMOTIONS (C)

Effect and importance are just two of the many points brought to light and analyzed in this production. A general understanding of emotions, what they are, what they do, where they come from, and how they are changed is developed. Shows that emotions have many effects on the body, both on voluntary behavior

and on involuntary behavior, and that people have different emotional responses to the same stimulus pattern.

j-h-c-a 14 minutes \$2.00

UNDERSTANDING BASKETBALL (YA)

Introduces the game of basketball to boys and girls. A basketball coach explains the basic rules and play of the game, including such things as scoring, fouls, etc. He also points out the common rules of courtesy to be followed by spectators.

i-j-h 10 minutes \$1.25

UNDERSTANDING MOVIES (MGM)

Presents illustrations of excellence in directing, acting, photography editing, and art and music. Scene from *Tennessee Johnson* illustrates good direction; one from *The Good Earth* demonstrates acting; shots from *Treasure Island* present beautiful photography; a sequence from *David Copperfield* shows skillful editing; and the Capulet ball from *Romeo and Juliet* provides an example of fine art and music.

j-h-c-a 17 minutes \$2.00

UNDERSTANDING OUR EARTH:

GLACIERS (C, Color)

A study of the forces of nature helps us to understand how our earth came to be the way it is. Glaciers are an important natural force, and the film explains the way glaciers are formed. Type of glaciers, and how they change the earth's surface are shown also.

i-j 10 minutes \$2.25

UNDERSTANDING THE LAW (EB)

Explains the right of individuals to be protected from the law and by the law. Dramatizes a felony case to illustrate step-by-step functions in the due process of law.

h-c-a 11 minutes \$1.25

UNDERSTANDING VITAMINS (EB, Color)

Graphically explains what vitamins are, how they work, and why they are necessary for good health. Points out natural sources of important vitamins and reveals the effects on body tissues of a diet lacking in certain vitamins. Recreates major events in the discovery of vitamins and calls attention to present-day research.

h-c-a 14 minutes \$3.00

UNDERSTANDING YOUR IDEALS (C)

What are ideals? Why are they so important to well-being and happiness, and what do they have to do with character? These and other questions about ideals are answered in this film. A high school boy who has false conceptions of ideals finds the right objectives and

goals to aim for. Specifically, the film tells and shows what ideals are, and how they influence and are influenced by character.

j-h-c 14 minutes \$2.00

UNDERWATER ADVENTURE (SF)

Underwater photography of fish and sea animals in captivity at Marineland, Florida. Includes sharks, the barracuda, pilot fish, and others. Leaping porpoises are fed by hand and the cormorant bird which chases fish under water is shown.

j-h-c-a 10 minutes \$1.25

UNE FAMILLE BRETONNE (EB)

This is the story of the EB Film, French Children, told in simple French by a teacher-narrator, born in France and trained in the teaching of French to American pupils. Told in the present tense and avoiding all subjunctives, the narration is leveled at the needs of beginners and provides valuable practice in the understanding of spoken French. The film portrays family life on a farm in Brittany in western France. It illustrates the work of each member of the family and includes scenes of typical activities in the village school and a neighboring town.

h-c-a 11 minutes \$1.25

UNFINISHED SYMPHONY (SF)

Schubert's symphony played by the Vienna Philharmonic Orchestra, with Joseph Krips conducting.

j-h-c-a 11 minutes \$1.25

UNION AT WORK (CIO)

The story of how a union works to give everyone a better understanding of the U.S. labor movement. Tells the aims, achievements, and activities of a modern labor union, including who is in it, what it does for membership, and how it does it.

h-c-a 24 minutes \$2.00

UNION IN THE MILL (AFL)

Shows some of the common grievances which employees in an unorganized factory may have and how the management may ignore those grievances. The action which employees may take to prevent the occurrence and mishandling of grievances is shown. A meeting at which no satisfactory solution to the local problems is reached is followed by a letter to union headquarters. An organizer from the headquarters guides them through the various steps to the local's committee meeting with the management.

h-c-a 31 minutes \$3.00

UNITED NATIONS IN WORLD DISPUTES, THE (Castle)

Reviews four major disputes that since 1945 have threatened world peace — Indonesia, Palestine, India

and Korea — and demonstrates how the UN worked toward resolving each one.

h-c-a 21 minutes \$2.00

U.S. COAST GUARD SONG (OWI)

The little known but magnificent song of the Coast Guard, "Semper Paratus," is the background for a complete four-minute story of Coast Guard training and action.

general 4 minutes Handling charge, 50 cents

U.S. COAST GUARD SPARS (OWI)

The SPARS are replacing many men who are placed in active duty. These women have the same rating, the same pay, the same responsibilities, and the same privileges as the men they replace. They are doing their part to win the war.

h-c 6 minutes \$1.25

U.S. COMMUNITY AND ITS CITIZENS, A (UW)

The facts that all of man's needs cannot be satisfied directly from the earth and that to supply many of these needs, people live together in communities are lucidly portrayed in this film. In a community which has thousands of counterparts throughout this country and many parts of the world, we see the actual functioning of community life and services as we spend a day with a group of school children who are making a survey of their town as a school project.

j-h-c 22 minutes \$2.00

U.S. NEWS REVIEW — NO. II (OWI)

The second issue of the U.S. News Review covers the five following subjects: unnecessary travel, mobile laundry for front line troops, Alean Highway, jungle fighting, and the Marine Hymn.

j-h-c 19 minutes \$2.00

U.S. NEWS REVIEW — NO. III (OWI)

Issue Number III covers the following six subjects: a plywood bomber, fixit, a report from New Guinea, Liberators blast Naples, a letter from Hocking, and United States Coast Guard song.

j-h-c 19 minutes \$2.00

U.S. NEWS REVIEW — NO. IV (OWI)

The fourth issue of the U.S. News Review contains the following stories: the raider of Timor, army salvage, we guard Britain's books, good news from the fishing front, battle in the Caucasus, and "thingummy-bob."

j-h-c 17 minutes \$2.00

U.S. NEWS REVIEW — NO. V (OWI)

This series includes the latest safety styles, care of children, a 1000-plane raid, an absenteeism cartoon and the Air Corps Song.

h-c 16 minutes Handling charge, \$2.00

UNITED STATES CUSTOMS SAFEGUARD OUR FOREIGN TRADE (F, Color)

The work of the U. S. Customs Service photographed on the Canadian Border, the Mexican Border, and at the eastern and western harbors of the United States.

h-c-a 16 minutes \$3.00

UNIVERSITY OF ILLINOIS CONCERT BAND (UI, Color)

Dr. A. A. Harding, one of the leaders in the school band movement and Director of Bands at the University of Illinois for thirty years is pictured in this film directing his farewell performance with the University Concert Band. Some of the highlights of this last concert and traditional features of previous performances appear in the movie. The entire score of Harding's band arrangement of "Psyche and Eros," two Sousa marches, and three traditional University songs comprise the film program presented. An unusual feature of the film is several face-on close-ups of Dr. Harding during this concert.

general 22 minutes \$3.00

UNIVERSITY OF ILLINOIS MARCHING BAND 1947 (UI, Color)

The early part of the film shows the band members preparing for a trip to New York City, their departure, and arrival. Scenes of band formations for the Army game in Yankee Stadium are followed by band formations and stirring music from all home games of the '47 schedule.

h-c-a 44 minutes \$5.00

UNLOCKING THE ATOM (UW)

Animated diagrams explain chain reaction atomic structure, properties of alpha, beta, and gamma rays, reactions in the pile, and operation of a cyclotron. Demonstrations show how the nucleus captures a neutron, and an atomic explosion in action. Background information is given of early knowledge of the atom and the contribution of leading scientists.

h-c-a 20 minutes \$2.00

UNSEEN WORLDS (GAN)

In this film the RCA electron microscope is described. The picture opens with shots depicting

Anthony van Leeuwenhoek and Louis Pasteur using microscopes. Differences between light and electron microscopes, and the development of the electron microscope as a logical result of research in television and facsimile are explained. The film closes with some suggestions on the various applications of this new and powerful instrument to the problems of research in medicine, industry and government.

h-c 10 minutes \$1.25

UNVEILING ALGERIA

(TFC, Restricted to Classroom Use)

Shows the contrast between an ancient native city and a modern French metropolis set side by side on a beautiful harbor in North Africa. Algiers with its romantic past, second great seaport in the French Empire, rises majestically above one of the world's most beautiful harbors; the mark of the Orient is on it.

i-j-h-c 10 minutes \$1.25

URBAN REDEVELOPMENT (EB, Color)

Vividly reveals the necessity for urban redevelopment in a cross-section of American cities. Stresses the importance of making the best possible use of available land and other facilities to serve the needs of business, industry, transportation and everyday living.

h-c-a 20 minutes \$3.00

URUGUAY (OIAA)

A pictorial journey to the comparatively prosperous little country of Uruguay which in many ways resembles the United States in its liberal, independent, and advanced social and political life. Produced by Julien Bryan, this film indicates the relative ease, wealth, and contentment of its people, as well as the agricultural and economic basis of the country's good fortune.

j-h-c 16 minutes \$2.00

USE OF FORESTS (C)

A fishing pole or a daily newspaper, maple syrup or a rayon dress—all come from wood. Few people actually realize the myriad uses of our forests. In this film, the great forest areas of the country are shown with the various types of trees, and the various uses of wood and wood products are pointed out.

i-j-h 10 minutes \$1.25

USEFUL KNOTS (USOE)

This picture shows how many commonly used knots are tied. Each knot is pictured as it is tied at normal speed, then a detailed voice instruction is given while

the knot is tied twice at slow motion speed, and then again at normal speed. In addition to showing how the knots are tied, this picture also explains some of the uses of the various knots.

i-j-h 22 minutes \$2.00

USING THE BANK (EB)

By means of animated drawings, live action photography and direct sound, film dramatizes the ways in which banks perform saving account, checking account and loan services for the citizen. Close-up photography gives students an intimate acquaintance with many banking operations making relevant arithmetic problems more meaningful.

j-h-c 11 minutes \$1.25

USING THE CLASSROOM FILM (EB)

Demonstrates an approved procedure for teaching with motion pictures which is based upon years of research and experimentation. The film used for demonstration is *The Wheat Farmer*; the class is a seventh grade social studies group studying how the world is fed.

general 20 minutes \$2.00

USING THE SCIENTIFIC METHOD (C)

Presents the scientific method in the context of an everyday problem. Begins with the definition of the problem and shows the steps in the procedure, through collection of information, formation of a hypothesis, and the experimental testing of the hypothesis to re-testing of the results obtained. The attitudes so necessary for successful work with the scientific method—objectivity and precision—are also stressed.

j-h 11 minutes \$1.25

USING VISUAL AIDS IN TRAINING (USOE)

An instructor, teaching his class the use of the micrometer, follows a carefully planned procedure involving the use of a training motion picture, a coordinated filmstrip, and an instructor's manual.

c 14 minutes \$2.00

VACUUM TUBE IN RADIO, THE (EB)

In this film animated drawings clearly show the way in which vacuum tubes work. The three functions of the vacuum tube in radio are carefully explained: how it serves in amplifying current to operate the loudspeaker, how it is used as a rectifier in detection, and how it is used as an oscillator tube in the transmission station to produce the carrier wave. The film content

correlates with physics, electricity, electronics, radio, aeronautics, general science, industrial arts, and engineering courses.

h-c 10 minutes \$1.25

VALLEY OF TEN THOUSAND SMOKE, THE (TFC, Restricted to Classroom Use)

The film story of Father Hubbard's expedition to explore the region in Alaska where great volcanic upheavals have destroyed vegetation and left residues of gas vapors which give the appearance of smoke. Father Hubbard and his party find the heat of the region decreasing since his previous visit indicating the possibility of nature recovering from the volcanic destruction.

i-j-h-c 11 minutes \$1.25

VALE BRILLANTE (OF)

Alexander Brailowsky, one of our greatest pianists, offers an unprecedented opportunity to study virtuosity from every angle in his presentation of Chopin's "Valse Brillante."

j-h-c 5 minutes \$1.25

VECTORS (USN)

Vectors, changes in angle or magnitude, how vectors are plotted, and how the resultant is found are demonstrated.

c 12 minutes \$1.25

Family Relations

CHOOSING YOUR MARRIAGE PARTNER

FAMILY: AN APPROACH TO PEACE

FAMILY LIFE: SERIES

LIFE WITH JUNIOR

MEANING OF ENGAGEMENT

PEIPING FAMILY

PLANTING OUR GARDEN

SAMPAN FAMILY



VELDT, THE (TFC, Restricted to Classroom Use)

Here are scenes on the plains near the foothills of an African mountain range. We see lakes which teem with wild fowl. Flamingoes wade in the shallow water, then, with a running start, take off in flight, which is pictured in slow-motion. We see the secretary bird, the enemy of snakes. Glimpses of the hooded cobra, the black mamba and the puff adder, which strikes at a native before crawling into the bush. The native shoots his arrows through the head of a python coiled around a limb.

The baboon is pictured, a dangerous and annoying beast which kills domestic animals. A close-up of the chameleon reveals its swivel eyes and long, darting tongue. The fierce-looking but harmless iguana is seen. The close-up of the high mound of an ant hill shows the large queen ant. Another foe of the snake is the dwarf mongoose, which can be tamed. Also present are the praying mantis and the armorclad spiny cricket. A scourge of locusts sweeps the land, covering the trees and plants. Zebras inhabit the country near volcanic mountains, as well as bush pigs and antelopes.

A volcanic explosion fires the veldt. The natives and all the animals flee together, their fears of each other lost in the greater fear of the devastating flames.

p-i-j 11 minutes \$1.25

VELOCITY OF CHEMICAL REACTIONS (EB)

The effect of the nature of reacting substances, of the concentration of the reacting substance, and of the temperature on the rate of chemical reactions are explained in this film by interesting demonstration experiments and animated drawings. Practical examples are also presented to illustrate these phenomena. The dynamics of reversible reactions and of chemical equilibrium are shown by schematic drawings that give clear conception of these frequently misunderstood processes.

j-h-c 11 minutes \$1.25

VENICE — QUEEN CITY OF THE ADRIATIC (EB, Color)

Portrays the features of this city "built on islands." Modern Venice is made understandable in terms of the city's origin, its rise to power and wealth through trade, its decline with the coming of new trade routes, and its survival as a thriving city through adaptation to new conditions.

i-j-h 11 minutes \$2.25

VERACRUZ (OIAA)

With Joseph Cotten, the actor, as narrator this color film conducts its audience through the Mexican province of Veracruz. Varicolored flowers, odd native clothes and customs, and the colorful panorama of the quiet countryside make this film a delightful treat.

i-c 20 minutes Handling charge, \$1.00

VERNIER SCALE, THE (USOE)

The modern era of interchangeable parts of machinery has been made possible only through precision measurement. This subject is a detailed study of the principles of the vernier scale and its application to precision measurement. Through the use of animated diagrams both the ten and twenty-five part vernier scales are explained. Several settings of these vernier scales are shown in extreme close-ups to provide experience in their reading. The correct method to handle vernier micrometers is also shown.

h-c 22 minutes \$2.00

VETERANS AND THE LAND (USDA)

Shows how farming has become increasingly complex as a business. It demands scientific knowledge and improved practices. The film warns the veteran against too rosy and optimistic a conception of "life on the soil."

general 20 minutes \$2.00

VIKING TRAIL, THE

(TFC, Restricted to Classroom Use)

This film portrays the sweeping beauty of Norway, its fjords, waterfalls and snowcapped mountains, and shows us the country people still living under the influence of an ancient tradition.

In the eerie light of midnight sun we see a steamer approaching Hammerfest, the most northerly city in all Europe. A group of tourists lands and later we get a glimpse of them mountain climbing. Then we visit the Laplanders who, the commentator tells us, were driven to the Arctic fringe by the ancient Scandinavians. Here they live in sod huts, in which they reckon their wealth by the size of their herd of reindeer. From Lapland we go down to Bergen, the chief port of Norway, where we see its modern buildings and busy life while the commentator explains its importance in the commercial life of the country.

i-j-h 11 minutes \$1.25

VIM, VIGOR, AND VITAMINS (BFS)

Illustrates the effectiveness and principal food sources of each vitamin. Shows a day's menu based on foods rich in vitamins.

j-h-a 10 minutes \$1.25

VISIT FROM ST. NICHOLAS (C, Color)

This perennial favorite will add much to school Christmas programs, class parties, and church showings. Produced in lively animation, the film retells the story of the midnight visit of St. Nicholas with his wonderful team of reindeer and bountiful sled of toys.

general 6 minutes \$2.25
(one day)

VISIT TO IRELAND, A (C)

It takes us to the Emerald Isle, to tour the charming countryside with its simple thatched cottages, peat bogs and green pastures dotted with sheep. Then, off we go to thriving Dublin. We spend a peaceful evening on the hearth with the O'Sheas; visit a school, a church, stop for a moment at the lovely Lake of Killarney, and leave with Ireland's enchantment ever fresh in our memories.

i-j-h 10 minutes \$1.25

VISIT WITH COWBOYS, A (EB)

Describes the work of the cowboy through the eyes of an American boy visiting a ranch for the first time. Shows how horses are shod and how they are fed. Includes scenes of horses being rounded up and broken to the saddle. Also portrays how cowboys rope calves and ride bucking broncos at a rodeo.

p-i 10 minutes \$1.25

VISUALIZING AN OBJECT (USOE)

How a blueprint is developed; how dimensions are shown by different views; and how various kinds of lines are shown on a blueprint.

h-c 9 minutes \$1.25

VITAL EARTH (EB, Color)

Tells the story of plant and animal interrelationships, and explains the organization and balance of nature which is essential to survival. In the chain of life this organization of the living community is a vital link to preserve the balance between living plants and animals. (For other films in this series see Arteries of Life.)

j-h 11 minutes \$3.00

VITAMIN RIVERS (CFI, Color)

Shows how great advances in canning processes have made possible the development of vast areas of the United States and in turn, how this development has promoted the health of the people of the nation.

general 22 minutes \$3.00

VITAMIN-WISE (NFBC)

Explains the vitamin categories of the main fresh vegetables and proceeds to advise housewives to experiment, save and stretch, improvise, and obtain the maximum food value by employing proper cooking methods. It gives warning against waste due to careless cooking and stresses the need for conservation of both food and fuel.

j-h-c 11 minutes \$1.25

VOCAL MUSIC (EB)

Describes and illustrates the principles of voice production in vocal music. Demonstrates good and bad

posture, correct breathing, good tone production, and good diction. Illustrates common faults such as breathiness, tightness, throatiness, and nasality. Depicts the singer's role as a performer as well as his function as an instrument, and includes several examples of good vocal music.

j-h-c-a 11 minutes \$1.25

VOICES OF MALAYA (BIS)

An account of life in Malaya today. Still suffering from the effects of war, famine, and political upheaval, five million people of four races—Malay, Chinese, Indian, and European—are working side by side, endeavoring to bring to Malaya a life of peace and prosperity.

general 35 minutes \$3.00

VOLCANOES IN ACTION (EB)

Throughout the history of man, volcanic phenomena have stimulated man's imagination. Today we realize, and this film demonstrates, that even frightful volcanic phenomena operate in accordance with natural laws. The sound film presents by photography evidence of past volcanic action. Animated drawings combined with photography explain many of the more important phenomena of volcanism such as dikes, sills, laccoliths, metamorphism; the products of volcanism including lava, cinder, and ash; causes and distribution of active volcanoes throughout the world.

j-h-c 11 minutes \$1.25

VOLLEY BALL FOR BOYS (C)

The film shows in regular and slow motion the proper methods of serving, volleying, spiking, defensive play and various drills to develop such skills. The film records natural game sounds and narration.

j-h-c 11 minutes \$1.25

VRONSKY AND BABIN, DUO-PIANISTS I (FCI)

These brilliant young performers met while students at Berlin where they had come from their native Russia to study under Artur Schnabel. Marrying, they at once renounced separate careers. The perfect accord of their tastes and temperaments is recorded in their playing. They play: "Waltz in A Flat" by Brahms; "Valse" by Arensky; "Flight of the Bumble Bee" by Rimsky-Korsakoff.

i-j-h-c 11 minutes \$1.25

VRONSKY AND BABIN, DUO-PIANISTS II (FCI)

Vronsky and Babin play Polovisian Dances from Prince Igor by Borodin.

j-h-c 11 minutes \$1.25

WACKY WEED, THE (Castle, Color)

Andy Panda's desperate efforts to keep a weed from choking out his flower.

general 10 minutes \$2.25

WANTED A MASTER

(TFC, Restricted to Classroom Use)

The story of a stray dog who is seeking to find a master before a deadline after which dogs without owners will be impounded.

p-i 10 minutes \$1.25

WAR CAME TO AMERICA (AFS)

This picture is one of the best documentary films ever produced. It covers first, the early history of the United States, and then deals with the period during the 1920's and '30's with members of the government shown in newsreel shots and documentary film cuttings discussing major issues. The rise of the Nazis and Fascists and the power of Japan is shown as preceding the war in Europe. The film dramatically brings up incidents of war and discord over the world, and concludes with the Japanese attack at Pearl Harbor. The film is an excellent picture for showing to classes studying American history. It actually brings history to life.

general 59 minutes \$6.00

WAR IN EUROPE (ICS)

Has historical value in that it shows the invasion of Poland, declaration of war by Britain and France, and other war scenes.

general 11 minutes \$1.25

WAR NEWS FROM NEW ZEALAND (NZNFU)

Featuring various phases of New Zealand's war effort on the home front, this film is a collection of newsreel scenes filmed in New Zealand, base for the U. S. Marine Corps in the South Pacific.

j-h-c 12 minutes \$1.25

WAR ON WEAR (TEX)

A message from then Secretary of Agriculture Wickard tells that the farmers should wage a war on wear, since many factories that once manufactured farm implements are now manufacturing rifles, tanks, airplanes, etc. Just how they should carry on this war against wear is demonstrated.

h-c 33 minutes Handling charge, \$1.00

WAR ON WHEELS (OWI)

Is the story of an American truck convoy ambushed by German tanks. Its rescue in a pitched battle by a group of American medium tanks graphically pictures the type of action which won for us in Tunisia. The commentary brings home to the worker the importance of his role in our mounting war production.

h-c 22 minutes \$2.00

WARTIME NUTRITION (OWI)

Produced by the Office of War Information at the request and with the cooperation of the Office of

Defense Health and Welfare Services, this film emphasizes the importance of using our limited wartime supply of food wisely. Proper diet and wise selection of the food we eat is essential to good health. "Eventual victory may depend upon what we eat."

j-h-c 10 minutes \$1.25

WASHINGTON AND ITS NATURAL RESOURCES (USBM, Color)

The state of Washington is really seven states in one, and the common resource of all of them is water power. We see many other scenes of Washington industries and activities—fishing, flower growing, fruit and forest industries. There is a view of the Peace Arch at Blaine—symbol of friendship between Canada and the United States.

general 30 minutes \$1.00

WASHINGTON IRVING (EB)

Brings to life significant episodes in the life of Washington Irving, the first American to receive prominent recognition in the world of literature. Traces Irving's early life in New York as a lawyer and then as a writer. Describes his travels and life abroad, highlighting the incidents on which hinged the writing of his best-known literary works.

j-h-c 20 minutes \$2.00

WASHINGTON PARADE

(TFC, Restricted to Classroom Use)

A travelogue through some government buildings in Washington, D. C. We begin at the Union Station, through one of whose arches can be seen the dome of the Capitol, which is kept in view as we proceed along Pennsylvania Avenue.

The President addresses a joint session of Congress. The Congressional restaurants are pictured, and the Lincoln memorial is seen.

Before the Treasury stands a statue of Alexander Hamilton. Within, an engraver cuts the die used in the printing of banknotes. Printed in sheets, the money is cut and stacked. Worn-out, returned bills are stored in bundles, then cut in half and each half is counted and checked, before burning.

In the Department of Justice we are shown the many scientific instruments of detection. A group of G-men test their marksmanship on the target range.

i-j-h 10 minutes \$1.25

WASTAGE OF HUMAN RESOURCES (EB)

Graphically points out the tragic wastage of human resources caused by failure to provide for healthful, safe, effective living. Calls attention to wastage at all age levels—wastage caused by crippling disease, care-less accidents, juvenile delinquency, unemployment, alcoholic and drug addiction, mental disease, crime, and the most tragic of all—war.

j-h 11 minutes \$1.25

WASTE NOT—WANT NOT (WSI, Color)

Tells the importance of reclaimed wool in making woolen cloth. Shows how woolen rags are collected for reprocessing. Explains the terms 100% wool, reprocessed wool, and re-used wool which are found on garment labels. Explains the process of making woolen cloth from greasy wool to finished cloth. Points out advantages of clothing made from wool.

j-h-c 22 minutes Handling charge, \$1.00

WATCH THAT QUOTATION (C)

Teaches the importance of quoting accurately, the general importance of authority behind statements, how to quote in speech and in writing, and how to read and to listen to quotations.

i-j-h 11 minutes \$1.25

WATCHTOWER OVER TOMORROW

(TFC, Restricted to Classroom Use)

Suggests workings of the Assembly, International Court of Justice and Security Council of the United Nations.

j-h-c 10 minutes \$1.25

WATER BIRDS (EB)

Material on certain of our American water birds is presented in this film. Photographic sequences depict the physical characteristics, habits, environment, adaptiveness and care of young of the egret, the mallard duck, the Canada goose and the brown pelican. Sequences depict facts about the lesser scaup and the flamingo. Animation shows the winter and summer homes of the Canada goose and the principal migration route.

i-j-h-c 11 minutes \$1.25

WATER CYCLE (EB)

Traces eternal cycle of water from ocean to sky and back to ocean.

j-h-c 11 minutes \$1.25

WATER FOR DRY LAND—SOUTHWEST U.S.A. (UW)

This film presents a picturization of the dependence of man upon his supply of water. The living in oases is contrasted sharply with the barren wastes of surrounding deserts. The transformation of desert lands by man's triumph in controlling the water supply and the tremendous industrial developments, possible through abundant hydroelectric resources, is vividly portrayed.

i-j-h 22 minutes \$2.00

WATER—FRIEND OR ENEMY (OIAA)

A Walt Disney animated cartoon in color done in the true Disney style. It shows how water can be a true friend to man if proper precautions are taken to see that it is pure. Also illustrated are correct measures

in keeping spring and well water from being contaminated and suggests boiling of water as a final precaution.
j-h 11 minutes Handling charge, \$1.00

WATER LURE (DL)

Depicts the conservation work accomplished along the streams in Georgia and the South. In accordance with the theme of the film, there are shown many projects in the CCC Camps.

general 11 minutes \$1.25

WATER POWER (EB)

The concept of potential power from water is introduced by the water cycle which furnishes a never-ending source of power. It is shown how rapids and waterfalls, by this use, were changed from hindrances to aids to man's progress. The body of the picture traces the development of water power, chiefly in the United States, from the small mill of the early Colonist to such modern projects as Niagara, Boulder Dam, and the Tennessee Valley. There is an informative sequence on the transformation of potential energy of the waterfalls into kinetic energy through the hydroelectric plant. The film concludes with a world-wide survey of potential water power.

i-j-h 11 minutes \$1.25

WATER SUPPLY (A, Color)

Dramatically portrays, through natural scenes and animated diagrams, the source, storage and handling of water by nature and man.

i-j-h 11 minutes \$2.25

WATER WORKS FOR US (YA)

Shows the place of water in our modern life. It shows how water works for health, for growth, for power.

p-i 10 minutes \$1.25

WATERCOLORS IN ACTION (FI, Color)

Explanation and illustration of important details in watercolor painting including: characteristics of the "direct method"; simplicity of professional equipment; colors and color combinations; simplicity of pencil detail; how to lay washes; maintaining a wet wash by tilting; comparison wet and dry tonal value, and modification of applied colors by dropping added color into wet wash.

h-c 10 minutes \$2.25

WATUSSI OF AFRICA (EB)

Provides an intimate study of the environment and activities of a ruling family of Watussi in the Rwanda region of Africa. Describes their cultural status, their food, clothing, home furnishings, servants, and the relationship between father and son, and mother and

daughter. Reveals their works of art, hunting and ceremonial activities. Native conversation and music are reproduced in impressive situations.

i-j-h-c 10 minutes \$1.25

WAVES OF GREEN (JH, Color)

Tells the story of the Land-Grant colleges and extension services and their contributions to agriculture. Shows how the U. S. has bettered its standard of living by taking advantage of ideas of scientists, and by the help of county agents, extension workers, and special courses at agricultural colleges now available to every farm family.

c-a 44 minutes \$5.00

WAYS TO BETTER CONVERSATION (C)

What constitutes a good conversation and how can skill in conversation be improved? Students will be able to identify themselves with some of the many characters in the story and thereby gain a better understanding of their own mistakes, causes of those mistakes and the proper remedies.

j-h-c-a 11 minutes \$1.25

WAYS TO GOOD HABITS (C)

Children in the lower grade levels are developing the habits which they will have throughout their lives. Instead of merely reiterating the old theme, "Don't do that—that's a bad habit!," this film shows the importance of habits, good or bad. It demonstrates how to substitute good habits for bad ones and motivates students to build good habits of their own.

p-i 10 minutes \$1.25

WAYS TO SETTLE DISPUTES (C)

There are simple ways to prevent and settle disagreements; compromise is one method that this important film suggests. Other ways are presented as a guide for students to follow while maintaining a cooperative attitude on the part of both parties.

p-i 11 minutes \$1.25

WE DISCOVER FRACTIONS (C)

Helps students to relate the arithmetic symbols of fractions to their own experience.

i-j 11 minutes \$1.25

WE DISCOVER THE DICTIONARY (C)

A story of three students learning, by writing a letter, the fine points of using a dictionary.

i-j 10 minutes \$1.25

WE GO TO SCHOOL (C)

Children first entering school have a tremendous adjustment to make from the protective, comparatively

unrestricted shelter of their homes. Only through the sound motion picture is it possible for these youngsters to fully visualize the concept of the school community when they first become a part of it. The film teaches them what they can expect from school; what the school, in turn, expects from them; the importance of school rules. It gives them a sense of security—of belonging to this new environment.

p 10 minutes \$1.25

WE LIVE IN TWO WORLDS

(TFC, Restricted to Classroom Use)

With J. B. Priestley the narrator, this film points out that we cannot escape living in two worlds, the international as well as the national.

Standing by a map, he discusses the state partitions, then international trade and communications. Switzerland is chosen as a specific illustration of the theme.

First we see the frontier guards of Italy, France, Austria, and Germany. Then glimpses of Swiss everyday life against a background of the Swiss Alps: peasants, folk dancing, harvesting. The transitional stage from the national to the international is symbolized by the running of a telephone line from the lowlands to the mountain climbers' rest house high in the Alps, giving them contact with the entire world.

We hear about the tourist trade; see pictures of winter and summer sports activities. The growth of international trade; construction of a dam to generate hydroelectric power and the central power station to supply current to new factories are other subjects brought to view. Trains and automobiles speed through the night, and planes and ships go their ways carrying Swiss products to all parts of the world.

j-h-c 10 minutes \$1.25

WE MAKE BUTTER (YA)

A film especially made for young children, full of story interest and rhythmic music. Dick and Jane visit Cousin Billy's farm, where they learn from Aunt Ruth how butter is made. Each of the three children, with his own jar of milk, makes some butter under Aunt Ruth's supervision. Then all three watch as she makes butter.

p 11 minutes \$1.25

WE SAID WE'D COME BACK (OWI)

Tells the story of the Navy's fight in the Pacific. The assembly of the greatest sea power in the world is pictured. There are active combat shots of the latest ships, planes and weapons in action. Admiral King, in opening the film, reports on the enormous complexity and size of the fleet and its huge cost.

h-c 20 minutes \$2.00

WE, THE PEOPLES (YA)

This provocative, documentary film is a presentation of the story of the United Nations Charter. It shows how Man's desire for peace and human rights and his abhorrence of wars led to the need for and the formulation of the United Nations Charter.

general 10 minutes \$1.25

WE VISIT THE SEASHORE (YA)

Jimmy shows his little cousin Jane the sights of the seashore. It is the first time that Jane has ever been there. Jimmy catches a fish, the children take a boat ride, build a sand castle, and look for sea shells, Jimmy's dad sunbathes on the beach and helps them build their sand castle. Then Dad says it's time to go home because it is best not to be exposed too much to the bright sun all at once.

p-i 10 minutes \$1.25

WEALTH OF THE ANDES (OIAA, Color)

The economy of Peru is largely dependent upon the mineral resources of that country. The importance of this industry is brought out as well as the degree to which refining has been developed for the purpose of processing the minerals taken from the mines. The scenic beauty of the country is brought out to good advantage by Kodachrome.

j-c 22 minutes \$3.00

WEARING AWAY THE LAND (EB)

Several important processes which result in the wearing away of the land at one place and the building up at another are vividly shown in this film. Scenes taken all over the world show processes and formations which succinctly tell the story. How the land is affected by chemical decomposition of rocks, glaciers, wind and waves is presented. Scenes at Carlsbad Cavern illustrate the formation of caves, and animated diagrams and aerial views show how the coast line is changed by the waves of the ocean.

j-h-c 11 minutes \$1.25

WEATHER, THE (EB)

The Polar Front Theory is explained and meteorological instruments and methods including thermometers, barometers, anemometers, pilot balloons, and radiosonde equipment are described. Animated photography portrays solar radiation, atmospheric circulation and cyclone wave phenomena.

j-h-c 11 minutes \$1.25

WEATHER WIZARDS

(TFC, Restricted to Classroom Use)

The film opens with a montage of blizzards, rainstorms, etc.; then to the scientific equipment of the

modern Weather Bureau. The story is unfolded of the value of the Weather Bureau to agriculture; using as a specific illustration the California citrus industry.

i-j-h 11 minutes \$1.25

WEFT SYSTEM OF AIRCRAFT IDENTIFICATION (USN)

Models are used in this sound film to explain the WEFT system of aircraft recognition, which depends upon examination of wings, engine, fuselage, tail assembly, the first letters of which furnish the name WEFT.

Part I — Basic Characteristics

j-h-c 15 minutes

Part II — Special Characteristics

15 minutes, \$2.00, each part

WEIGHT EVENTS (EB)

Contains demonstrations of the shot put, discus throw, hammer throw, and javelin. Slow motion photography is used, together with repetition to give the student ample opportunity of observing every detail of

technique in each of these events. The general poise of the body, the method of holding the shot, and the leg action, are clearly demonstrated. The method of gripping the hammer, the arm action, and the leg pivot are included in the hammer throwing sequence. Two styles of form are demonstrated in the javelin throw, together with techniques of holding, release, and leg action. Two styles likewise are demonstrated in the discus sequence.

j-h-c 11 minutes \$1.25

WELDING (JH)

From a series of pictures designed to show the importance of a welder's job, the film introduces the welder's tools and equipment. The correct method to get a flame is shown and explained, as are the three types of flames which can be obtained. Flat ripples are made on steel sheets to show the way to hold the torch, and then a bead is welded, illustrating the way the welding rod should be handled. The picture closes with instructions on how to finish the job and put away the welding equipment.

h-c 22 minutes \$2.00

WELDING OPERATOR (VGF)

Welding, of which oxyacetylene and arc welding are the principal types used in industry, is so important that today it is recognized as a trade in itself. Explained in this film are the problems involved in the use of equipment, the kind of welding done, the knowledge and physical requirements necessary, and the various opportunities open to a good welding operator.

j-h-c 11 minutes \$1.25

WELFARE OF THE WORKER (BIS)

Shows the high standards of working conditions in England during World War II, including those standards affecting ventilation and light, food, hours, recreation, and safety.

h-a 8 minutes \$1.25

WE'RE ON THE SPOT (PTC)

Depicts common hazards found in industrial plants. Shows proper use of tools, machine guards, clothes, goggles, first aid.

j-h-c 10 minutes \$1.25

WEST INDIES, THE (EB)

Authentic documentary material concerning the geography and climate of the West Indies and the story of its peoples and their present-day activities is presented. Photographic sequences depict the types of people and economic activities of the region, including agriculture, manufacturing, commerce, and transportation. The economic interdependence of the West Indies with other parts of the world, including its imports and exports, is shown upon an animated map background.

j-h-c 11 minutes \$1.25

DRAMA

ALICE ADAMS

ANTONY AND CLEOPATRA

THE GOOD JOB

JANE EYRE

JULIUS CAESAR

THE LOWER DEPTHS

OTHELLO

RISE OF A DICTATOR

THE SEARCH

STORY OF AN IMMIGRANT



WEST VIRGINIA AND ITS NATURAL RESOURCES (USBM, Color)

West Virginia is a land of forested hills and fiery steel furnaces, scenic gorges and giant power plants, farms and busy cities, orchards and coal mines, beef cattle and gas and oil wells, parks and glass factories. Shown are scenes of underground operations in modern coal mines, other resources that make it a leading producer of chemicals, glass, metal products and hardwood lumber, its steel mills, the world's largest nickel plant, and the scenic beauty of the state. A few flashbacks tell of early exploration.

general 32 minutes Handling charge, \$1.00

WESTERN FRONT (OWI)

Is of historical interest as it depicts the need of the Chinese for American aid in order to defend their country.

j-h-c 22 minutes \$2.00

WESTWARD MOVEMENT (EB)

By means of animated drawings, the story of the Westward Movement, from 1790 to 1890, is portrayed in its geographic setting. In this picture, the events unfold in proper chronological order. Among the topics developed are: territorial expansion, routes of migration and transportation, increase and distribution of population, extension of settlement, admission of states to the union, and the mining and cattle frontiers. A 1942 production.

j-h-c 11 minutes \$1.25

WET LANDS (USDA)

This picture shows where our 120 million acres of wet land are located. It points out that seventy-eight million of these acres will serve us best if left in their natural state for the production of timber and the preservation of wildlife. Thirty-one million acres are shown to be suited to farming if properly drained. A section of the film illustrates briefly the principal types of water control and methods. Farmers, working together, can improve drainage on land now being farmed and bring into production land that is now too wet for any production at all.

h-c 10 minutes Handling charge, \$1.00

WHAT ARE FRACTIONS (FI)

To assist in the introduction of the subject of fractions this film uses a variety of examples from everyday experiences of children, shows how to write a fraction, explains the meaning of numerator and denominator, demonstrates how to determine the value of a fraction, and reviews all concepts covered.

i 11 minutes \$1.25

WHAT CAUSES THE SEASONS (YA)

Using models and animation together, this film demonstrates, in terms that young students can under-

stand, how the inclination and revolution of the earth cause our changing seasons.

i-j 10 minutes \$1.25

WHAT HAPPENED TO SUGAR (OPA)

A presentation of the areas which supply the world's sugar, how that supply was cut off by the outbreak of World War II, and why it took some time after the cessation of hostilities to get production back to normal. Also the ways in which sugar is used in war production.

h-c-a 11 minutes \$1.25

WHAT IS BUSINESS (C)

Takes students into the world about them to show them how great the contribution of business is to modern living. Familiar objects from their own homes are used to demonstrate the distribution and service phases of business activity.

j-h-c 11 minutes \$1.25

WHAT IS CONSCIENCE? (C)

The purpose of this film is to help the members of the audience discover for themselves the many effects of conscience and how each can use his conscience to improve his own mental health. Different explanations of conscience are presented and dramatically illustrated incidents of the workings of conscience are developed to give the audience a background for study.

j-h-c-a 10 minutes \$1.25

WHAT IS A CONTRACT (C)

Teaches students the importance of a thorough understanding of contracts. Students learn the basic elements of both oral and written contracts, the need for contracts, and their binding nature upon all parties concerned.

h-c 11 minutes \$1.25

WHAT IS A CORPORATION (C)

The film differentiates between the three principal forms of business ownership: single proprietorship, partnership, and corporation. A basic vocabulary for the study of business ownership is introduced. The emphasis is on corporate ownership.

j-h-c 10 minutes \$1.25

WHAT IS A FARM WORTH? (Castle)

Shows how to evaluate a farm in terms of its soil, drainage systems, pasture for livestock, extent of erosion, water supply, conditions of the buildings, and its location in terms of school, stores and other community facilities.

c-a 14 minutes \$3.00

WHAT IS CHINA

(TFC, Restricted to Classroom Use)

An over-all survey film on the Republic of China. Sequences emphasized are the geography of China,

history of China, peoples of China, and development and change in China. The beginning and end sound track carry a chorus singing the Chinese National Anthem.

p-i 22 minutes \$2.00

WHAT IS CLOTH (C)

Develops a soundly motivated interest in the study of textiles and provides a broad platform of basic information on the subject.

i-j-h 11 minutes \$1.25

WHAT IS FOUR (YA)

Helps develop the meaning of numbers. The number "four" is presented in concrete situations familiar to children. The second part is for slightly more advanced children. It introduces concept of abstract numbers and of addition and subtraction.

p-i 15 minutes \$2.00

WHAT IS MODERN ART? (R, Color)

Both the traditional and the modern point of view are presented through the attitude of a girl who is outraged by modern painting, and a painter who tries to convey why modern artists paint in their particular styles. The audience is not given a pat answer but an attempt is made to stimulate further thought about the approaches.

Shows painting by Van Gogh, Picasso, Mondrian, Dali, Miro, and others. The scene is the Museum of Modern Art's Penthouse, a gathering place for the members of the museum.

h-c-a 20 minutes \$3.00

WHAT IS MONEY (C)

A film designed to establish these basic concepts: (1) what money is, (2) why money is used, and (3) how it can be used.

j-h 11 minutes \$1.25

WHAT IS SCIENCE (C)

Designed as an introduction to the study of science, this film is an illuminating exposition of the meaning of the word. In a simple story, it presents the application of the "scientific method," which embraces five major steps: curiosity, observation, hypothesis, testing of hypothesis and conclusion.

i-j-h 11 minutes \$1.25

WHAT IS SOIL (FI)

Develops, step by step, through demonstration and experimentation, an understanding of soil and soil formation.

p 11 minutes \$1.25

WHAT IS SOUND (YA)

Photography, animation, and synchronized sound are combined in this film to demonstrate what causes sound, how sound waves travel, and why sounds differ.

i-j-h 11 minutes \$1.25

WHAT IT MEANS TO BE AN AMERICAN

(F, Color)

Shows two families with children of different ages, and illustrates how the children meet many of their problems from youth through high school. The children make good and bad decisions. As a climax young people are shown preparing for commencement exercises. Emphasizes not only our material advantages, but also educational and cultural opportunities.

i-j-h 22 minutes \$3.00

WHAT MAKES A BATTLE (OWI)

It takes a masterpiece of strategy to get supplies and human power coordinated when forces of land, sea, and air unite to strike blows that bring us nearer victory. Such a masterpiece was the battle of the Marshall Islands where each success meant another battle and wounded and casualties everywhere. Here out of ten thousand Japs only 264 surrendered.

h-c 13 minutes \$2.00

WHAT MAKES A DESERT (YA)

Explains and illustrates the geographic and climatic factors that create a desert area, with reference to the deserts of the southwest United States. Shows the factors of prevailing winds and mountain barriers. Points out how desert land can be reclaimed by irrigation.

i-j 11 minutes \$1.25

WHAT MAKES A GOOD PARTY (C)

Parties play an important role in the lives of young people; they want to have good parties and enjoy themselves at social affairs given by others. Presents the skills of having a successful party and highlights the duties of the host and guest that make a party a "hit."

j-h-c-a 11 minutes \$1.25

WHAT MAKES NIGHT AND DAY (YA)

Why we have alternation of day and night as well as the reason why the sun can shine only on one-half of the earth at a time is shown in this film.

i 8 minutes \$1.25

WHAT MAKES RAIN (YA)

The concepts of evaporation and condensation as they apply to the water cycle are explained.

i-j 10 minutes \$1.25

WHAT MAKES THINGS FLOAT? (YA)

What really does make things float? Two boys out fishing are puzzled by the question and try several experiments. They discover that neither weight nor size by itself determines whether an object will float or not. The narrator of the film then takes us back to the laboratory where some experiments show that an object will float if it is no heavier than the water it displaces. The experiments are performed and facts pointed out in a relaxed atmosphere that helps promote quick learning on the part of students

i-j 10 minutes \$1.25

WHAT MAKES US GROW (NFBC)

This was filmed for a youthful audience, explaining the necessity for their eating proper food. Experiments with rats show the fatal results of vitamin deficiencies and children are advised to eat more eggs, fresh vegetables, and fruit. Four glasses of milk per day should be the child's ration, with whole-grain bread, beans, potatoes, cabbage, and peas as other body-building and protective foods.

p-i 11 minutes \$1.25

WHAT PRICE HAPPINESS (NESC)

Stressed in this film is the number of home injuries which occur each year. Last year thirty thousand people were killed or injured in home accidents. Many are caused from the careless use of matches, the electric iron and portable electrical appliances in the bathroom. Carbon monoxide is also the cause of many fatal accidents. It is pointed out that it is easier to prevent an accident than to recover from one.

i-j-h-c 11 minutes \$1.25

WHAT TIME IS IT? (C)

In this story, children learn the fun of telling time. The interesting devices by which the film portrays the story of seven-year-old Barbara Stevens hold the attention of the children while teaching them the various aspects of the importance of telling time, and of time itself. Pupils learn new words, useful in reading, story-telling and discussion. They become familiar with arithmetic and counting problems associated with telling time. And they learn how people live and work together through being able to measure and "tell time."

p-i 11 minutes \$1.25

WHAT TO DO ON A DATE (C)

A typical high school student learns that there is more to do on a date than just go to the movies. In carrying his problem through to a solution, the film shows how to plan dates that satisfy both the boy and the girl. It shows the wide range of activities available to high school students who want to make dating an entertaining, enjoyable and constructive social custom.

j-h-a 11 minutes \$1.25

WHEAT FARMER, THE (EB)

The film portrays the life of a wheat farmer and his family in a typical midwestern area. Preparing the soil, and planting winter wheat are treated in detail, along with other farm tasks—milking, cooking, and general repair work. The brother and sister attend a 4-H Club meeting, where reports on the progress of farm projects are given. When the wheat is ripe, father and son, assisted by a neighbor and hired men, operate a modern combine. Mother and daughter help by preparing food for the harvesting crew. The wheat is loaded into trucks from the combine and hauled to the town wheat elevator.

i-j-h 11 minutes \$1.25

WHEAT, THE STAFF OF LIFE:**WHEAT GROWING (EB)**

The growing of wheat: preparation in plowing and discing, planting, reaping and threshing, and delivery to local grain elevators. Microphoto sequences show the germination of wheat.

i-j-h 11 minutes \$1.25

WHEN SHOULD GROWN-UPS HELP? (NYU)

Four episodes in which an adult might not have intervened to assist the child are shown in the film. Intended to stimulate discussion on the issue and to provide an exercise in the observation and recording of behavior.

c-a 13 minutes \$2.00

WHEN WORK IS DONE (OWI)

As an example of community action to provide for the welfare of its members, this film will be of interest to all Americans. Produced by the Office of War Information in cooperation with the Recreation Division of the Federal Security Agency, this film shows how the war-boom town of Sylacauga, Alabama, solved its problem of forming recreation facilities for thousands of defense plant workers.

j-c 9 minutes \$1.25

WHEN YOU ARE A PEDESTRIAN (PRP)

Prepared and produced with the cooperation and under the supervision of local police departments, safety councils and school departments. Includes both the pedestrian's and motorist's responsibilities to prevent accidents.

j-h-a 11 minutes \$1.25

WHERE MILEAGE BEGINS (GM)

The efficiency of an automobile motor is one of its measures of "How many miles can you get to a gallon?" This film gives the complete history of the construction and operation of a modern automobile motor. Step by step the various parts are assembled and their functions explained. Very lucidly the fundamental strokes of a gasoline engine are demonstrated.

general 20 minutes \$2.00

WHERE ON EARTH (Castle)

A geography quiz game in which scenes of various places of interest throughout the earth are shown, and questions are asked about them. The audience has five seconds to answer each question.

i-j 10 minutes \$1.25

WHERE WILL YOU HIDE? (EB, Color)

It shows homes blown to pieces, people dying of disease and plague, and a world destroyed by war. Yet it is a helpful film, too, for it shows there is no alternative for us but peace. Its message can be the basis for intelligent thought and action to prevent the holocaust which it presents with such breathless realism.

j-h-c 22 minutes \$3.00

WHICH WAY THIS TIME (OPA)

Shows how disastrous inflation during and after World War II has thus far been prevented by government controls. The film draws lessons from history to show why inflation still threatens the economy of the United States in the postwar period.

j-h-c 11 minutes Handling charge, \$1.00

WHISPERS (TFC, Restricted to Classroom Use)

This subject concerns organized whispering campaigns and the spreading of rumors for commercial purposes. A case is cited wherein an honest, public-spirited citizen attempts to rebuild the slum section of a large city. But forces in the city, to whom civic improvements mean financial loss, start a vicious whispering campaign, which not only defeats the project, but ruins the honest citizen's reputation.

j-h-c 10 minutes \$1.25

WHITE HOUSE (RKO)

Presented as a pictorial trip through the White House in Washington, D. C., with its dignified simplicity and its glamorous background. This film takes a couple, two plain, everyday Americans, on a conducted trip through the home of the executive branch of the government.

j-h-c 19 minutes \$2.00

WHITE PINE BLISTER RUST (USDA, Color)

This insidious disease entered the United States at the beginning of this century. The picture shows the area affected, the complete life cycle in association with currant and gooseberry plants, how the disease enters and kills white pine, and the effective control measures now being used to protect our native white pines in the thirty-nine states in which they grow.

h-c 18 minutes \$3.00

WHO MAKES WORDS? (C)

Teaches a lesson of semantics through a simple school story. A class which is at a loss for a word to describe a new pastel colored blackboard is encouraged by the teacher to study the ways in which other new words have come into the language.

i-j 11 minutes \$1.25

WHO WILL TEACH YOUR CHILD? (McGH)

This film takes up the nature of teaching and explores, by illustration, several types of teacher-classroom situations. There is the teacher whose entire view of her professional duty is bounded by the narrow routine of classroom tasks she sets her pupils. She has no time for irrelevant questions, however spontaneous. Another teacher understands that teaching includes helping a boy who is branded as a "Polak" and excluded from the circle of his classmates. Then there is Miss Gee, fresh from teachers' college, eager but inexperienced. Because of inadequate training she cannot control the class. Her failure ends in a decision to leave teaching for good. Another sequence shows a skillful teacher, using the play, "Julius Caesar," help his class interpret the deeper meaning that lies beneath the surface of mere words and relates this meaning to contemporary life. The film calls for a re-evaluation of the meaning of good teaching so that it may become a profession which will attract to it increasingly better teachers.

c-a 22 minutes \$2.00

WHO'S BOSS

See

MARRIAGE FOR MODERNS: WHO'S BOSS

WHY CAN'T JIMMY READ? (SU)

Good treatment of how to study the behavior of children and to make case studies with children who have reading difficulties. Illustrates need for parent-teacher-clinic cooperation.

c-a 20 minutes \$2.00

WHY PUNCTUATE (YA)

Orientation film designed to motivate and introduce (or review) the study of punctuation. Also summarizes the basic rules for use of the most important punctuation marks.

i-j-h 11 minutes \$1.25

WHY STUDY FOREIGN LANGUAGES (C)

Jim Baker can't see any use in studying foreign languages until brother Dick returns from a trip to Europe and convinces Jim that he is wrong. Demonstrates how knowledge of foreign languages contributes to enjoyment of travel, success of commerce, har-

monious international relations, appreciation of many literary works, and richer understanding of our own culture.

j-h-c 11 minutes \$1.25

WHY STUDY LATIN (C)

A visit to a high school Latin class where the teacher and several of the students explain why studying Latin is important to them. Covers the values of Latin to an understanding of history, an appreciation of literature, a mastering of English, and the practical usefulness of Latin to many professions.

h 11 minutes \$1.25

WHY TAKE CHANCES (SD)

In any normal year, simple accidents kill more children aged 1 to 14 than all principal diseases combined.

The most constructive approach to this problem is to instill into the child's mind a consciousness of the need to live and play safely. This is a thing which the film *Why Take Chances* does excellently. It is designed to educate children on some of the consequences of carelessness — without trying to scare them to death.

i-h 10 minutes \$1.25

WHY WE RESPECT THE LAW (C)

As one of the cornerstones of our democracy, law must work and if law is to work there must be respect for law. Therefore, this film strikes at the heart of teaching democracy. Its main theme is the development of an attitude of respect for all law — big and little; a habit of obedience without compulsion. Dramatic highlights in this film teach the social need and individual need for respect for law.

j-h-c-a 15 minutes \$2.00

WHY WON'T TOMMY EAT? (SF)

The study of Tommy illustrates a common problem and through him reasons for a child's lack of appetite are studied. Not only physical, but emotional reasons are probed. The film goes back into Tommy's infancy to uncover some of the reasons.

h-c-a 19 minutes \$2.00

WILD FOWL CONSERVATION (ASFL)

The opening scenes show flocks of wild ducks on the wing and swimming in their wild habitat in America's Northwest. The next scene illustrates how ducks can be destroyed unwittingly. Some of the methods used by the U. S. Biological Survey to compensate for the damage done by drainage and drought are next discussed. The following sequence shows the third menace to our duck supply, commercialization. The feeling of America's Northwest is vividly conveyed by the excellent photography throughout the film.

i-c 7 minutes \$1.25

WILDLIFE AND THE HUMAN TOUCH (USDA, Color)

The national forests are one of the largest and most important wildlife producing areas in the country still available to the public for recreational use, including hunting and fishing. The film shows characteristic forest animals in their natural habitat — and what the U.S. Forest Service is doing to improve that habitat.

h-c-a 20 minutes \$1.00

WILDLIFE IN AFRICA (ARF, Color)

A travelog to one of the largest game areas in the world. Shows a wealth of African birds and animals including a rare and perilous shot of the elephant charge.

j-h-a 10 minutes \$2.25

WILLIAM ROSE BENET (RO, Color)

Pictures a visit with the author at his summer home on the rock-bound coast of Massachusetts.

h-a 11 minutes \$2.25

WILLIAM SHAKESPEARE: BACKGROUND FOR HIS WORKS (C)

In the England of today, this film shows the place of Shakespeare's times and elements of English life that gave the great poet-playwright his language and shaped his character. Kenilworth Castle, Stratford, the River Avon, and the Hathaway Cottage are just a few of the familiar spots that link the past with the present.

j-h-c-a 15 minutes \$2.00

WILLIAM TELL (OF)

An abbreviated version of the opera by Rossini, preserving the dramatic continuity, and containing all the important musical passages. Filmed on the stage of the Rome Opera House. The course of the action is explained by Olin Downes, music critic, who acts as narrator.

j-h-c-a 25 minutes \$3.00

WILLIAMSBURG RESTORED (CWI)

This brilliantly photographed and superbly edited study of Colonial Williamsburg and how it was restored, detail by detail, to its appearance of colonial times, makes a rich experience for any class in American History. Opening with an historical sequence showing the excitement in Williamsburg on hearing of the Boston Tea Party, the film then leads into the story of how the work of restoration was begun in the late 1920's, and how it has progressed to the present. There is a wealth of stimulating detail concerning the research that architects and historians undertook in rebuilding the city — so accurate that even the moldings of the houses are reproduced exactly. The background and outline of some of our finest traditions are clearly etched in *Williamsburg Restored*.

h-c-a 30 minutes \$1.00

WILLIE AND THE MOUSE

(TFC, Restricted to Classroom Use)

This comparative study shows that experiments with laboratory mice have implications in educational procedure in the classroom. The mice are trained by sight, sound and touch, and the commentary draws attention to the ways in which the experiments with mice illustrate the necessity for variety of approach in the teaching of children.

j-h-e 10 minutes \$1.25

WIND FROM THE WEST (FON)

A blend of fact and fantasy, the land of the Lapps in northernmost Sweden is the setting. In a schoolhouse young Nils sits dreamily longing that he might go with the older Lapps on their yearly migration to the mountains. Presently the boy dozes. In his dream the voice of the Wind from the West speaks to him and takes him on a dream-visit to the mountains.

i-j-h-a 18 minutes \$2.00

Christmas Films

ALIAS ST. NICK

A CHRISTMAS CAROL

CHRISTMAS CAROLS

CHRISTMAS IN SWEDEN

THE LITTLEST ANGEL

SANTA AND THE FAIRY SNOW QUEEN

**WINDS AND THEIR CAUSES (C)**

Pete's model airplane crashes. He is determined to find out why. So, with Pete, the viewer discovers the facts behind thermals, cumulus clouds, and thunderstorms. Then the great winds of the earth are explained, the on- and off-shore breezes, the easterlies and westerlies.

j-h 10 minutes \$1.25

WINGED SCOURGE — (MALARIA), THE (OIAA, Color)

In this film is shown the development of the anophles mosquito, the carrier of the malaria germ, from larva to full growth, at which time it becomes a menace and brings sickness and misery to untold millions. At this point the film becomes one on general mosquito control, employing the usual Disney technique. The Seven Dwarfs play an important part in demonstrating the methods of mosquito control.

general 10 minutes Handling charge, \$1.00

WINGS FOR ROGER WINDSOCK (UW)

Cartoon illustrating how the airplane has changed the world. The story of Roger Windsock — child of the air age — who is shown the many careers and opportunities available to him in the field of aviation.

j-h-e-a 14 minutes \$2.00

WINGS OVER BRAZIL (OIAA)

"Brazil has a predestination for aviation," wrote one historian. This film bears out that statement. The progress made by Brazil in the modern, advanced field of aviation, especially during World War II, is pictured.

j-h-e 15 minutes \$2.00

WINGS TO ALASKA (PAA, Color)

From Seattle to Alaska over the snowcapped Rockies by plane. Gives an idea of the glaciers, the salmon canneries and shrimp industries and wild life.

general 20 minutes \$3.00

WINGS TO BERMUDA (PAA, Color)

The facilities offered by Pan American planes are shown together with scenes of Bermuda.

h-e-a 20 minutes \$3.00

WINGS TO CUBA AND THE CARIBBEAN (PAA, Color)

The marvelous facilities of plane navigation, their accommodations and service, as depicted by Pan American World Airways, add to the reasons why we should see this beautiful country of bathing beaches,

tropical flora and fauna, wonderful sports — sailing, bicycling and gold — and view Bermuda's fascinating land of old world charm.

general 30 minutes \$4.00

WINGS TO ENGLAND AND BELGIUM (PAA, Color)

A "travelog" tour of London, Oxford, Shakespeare country and historic towns and castles in England. Brussels, Bruges, Vianden Castle, and the duchy of Luxembourg are also shown.

j-h-c-a 31 minutes \$4.00

WINGS TO FINLAND (PAA, Color)

Takes the viewer on a vacation flight to Finland. The arrival at Malmo airport is followed by scenic highlights, old and new, of Finland's modern capital. Scenes include busy Mannerheim Boulevard, the city's massive "Great Church," the National Theater, Parliament Building, and the beautiful "Ladies of Helsinki" statuary which grace parks and gorgeous flower gardens.

general 22 minutes \$3.00

WINGS TO FRANCE (PAA, Color)

We join an American couple on a tour of Paris, the valley of the Loire, the chateaux country, Bordeaux, Carcassonne, Avignon, and resorts of the French Riviera.

j-h-c-a 31 minutes \$4.00

WINGS TO HAWAII (PAA, Color)

Takes the audience on an air trip to Hawaii and around the island to such key points of interest as Waikiki Beach, Maui, active and extinct craters, sugar cane and pineapple plantations, a cattle ranch, and several smaller islands. Highlights the hospitality, beauty and pleasures to be experienced by the visitor to the Hawaiian Islands.

general 33 minutes \$4.00

WINGS TO IRELAND (PAA, Color)

Air trip from New York to Ireland. Places visited are Shannon, Killarney, Cork, Plains of Tipperary and Dublin.

j-h-c 30 minutes \$4.00

WINGS TO MEXICO AND GUATEMALA (PAA, Color)

This is an airborne travelog concerning the city and country life of Mexico and Guatemala. It shows Mexican landscapes and architecture, both modern and ancient, with scenes of colorful Mexican festivities and sports. In Guatemala, there are scenes of the singular beauty of Indian life to be seen.

general 30 minutes \$4.00

WINGS TO NEW YORK (PAA, Color)

A motion picture tour, in brilliant technicolor, of the points of interest of America's largest City. We see the statue of Liberty, the huge buildings of downtown Manhattan, Rockefeller Center, and Central Park. The aspect of the city not as an amusement place, but a place where much of the commerce and industry of the United States is carried on, is emphasized.

j-h-c-a 30 minutes \$4.00

WINGS TO VIKINGLAND (PAA, Color)

A trip by air to the land of the Vikings — to Norway, Sweden, and Denmark. We see the magnificent scenery and historic landmarks of the Northland and get a glimpse of the wild, free life of the Lapps of northern Sweden.

general 30 minutes \$4.00

WINGS UP (OWI)

The story of the 12 weeks of discipline, concentrated study, and hard work leading to graduation from Officers' Candidate School of the U. S. Army Air Forces with the rank of second lieutenant is shown in this picture, narrated by Capt. Clark Gable.

h-c 22 minutes \$2.00

WINNING OUR INDEPENDENCE

(TFC, Restricted to Classroom Use)

Adapted from "The Howards of Virginia," this film concerns Matthew Howard who personifies the hardy colonials who have hewn their homes and fortunes out of the wilderness and resent the imposition of unjust taxes by the Mother Country. As a member of the Virginia House of Burgesses, he sides with the others who protest the Stamp Act and the subsequent Declaratory Act. When the House of Burgesses is dissolved by the Royal Governor, Howard becomes a member of the Committee of Correspondence and serves that body until the Revolutionary War breaks out. Then he leaves his family to fight until Independence is won.

j-h-c 34 minutes \$3.00

WINNING YOUR WINGS (OWI)

James Stewart as commentator discusses the advantages and opportunities in the U.S. Army Air Corps. He discusses in detail the qualifications required for applicants and the routine of training and technical education through which these applicants accepted for service in the air corps must go. The functions of various members of plane crews are outlined with special emphasis upon the element of team work, the formula for victorious operation by our armed forces.

j-h-c 11 minutes \$1.25

WINTER CARNIVAL (NFBC, Color)

Breath-taking thrills on the ski trail, spectacular ice carnivals, sleigh rides and dog derbies are a few of the highlights of a Canadian winter holiday.

general 11 minutes Handling charge, \$1.00

WINTER ON THE FARM (EB, Color)

Portrays the adaptation of plants and animals to the winter's cold. We follow Joan and Jerry as they observe animal tracks in the snow, the animals which made the tracks, birds at their feeding station, and farm animals in the barn. Especially enjoyable is the children's trip to the woods to cut a Christmas tree.

p-i 10 minutes \$2.25

WISE BUYING (C)

Relation of your needs to your budget is emphasized. Four "better buying" questions are offered here for audiences to ask themselves when shopping. Some of the important factors like seasonal changes, quantity purchases and product labels are discussed and the effects of wise buying—more, better, and needed goods for less—pointing out that one can raise his standard of living if he plans the spending of his money, and buys wisely.

j-h-c-a 11 minutes \$1.25

WITH THESE HANDS (ILG)

Presents the story of the International Ladies Garment Worker's Union and its effect on the lives of its members. The birth and growth of the union is told through the personal life of one cloak worker who joined the union in 1910. The story recounts the struggle of the early days to establish the union, the tragedy of the triangle fire, and the almost disastrous influence of the Communists. Emphasizes the welfare, recreational and retirement benefits offered by the union.

c-a 44 minutes \$4.00

WOMEN IN DEFENSE (OWI)

This is a topical exposition of the various roles women are assuming in the war effort; women of science, women in industry, and women in the voluntary services.

h-c 10 minutes \$1.25

WONDER IN YOUR OWN BACKYARD (CW, Color)

Presents a boy and girl in their own backyard finding an earthworm, a millepede, a pillbug and some other insects. It clearly presents the general features of the animals, their habitats, and shows how they might be found in any backyard.

p-i-j 10 minutes \$2.25

WONDER OF CHEMISTRY (YA)

This film is designed for use in the middle and upper elementary grades as an introduction to the science of chemistry. Produced under expert supervision, the film uses live photography, models and animation to explain what chemistry is and to prepare the student for the understanding of important terms such as: element, compound, and chemical change.

i-j-h 11 minutes \$1.25

WONDERS OF THE SEA

(TFC, Restricted to Classroom Use)

A description of the marine wonderland of the Great Barrier Reef in Australia is given. Giant forms of sea life to be found in that part of the world, such as the stingray, feathered starfish and octopus, are shown. There are shots of a deep-sea diver exploring the ocean bottom in a special diving bell equipped with a camera. Some incidents in life at the bottom of the sea are also shown.

j-h-c 10 minutes \$1.25

WOOD THRUSH (HNP, Color)

Clear natural thrush songs, nesting, hatching, care and feeding of the young, make this an unusual film for nature study and elementary science.

p-i-j 10 minutes \$2.25

WOODEN FACES OF TOTONICAPAN (OIAA)

Shows the Guatemalan fiestas, including the breath-taking climax of Chichicastenango's famous eight-day celebration.

i-j-h-c 11 minutes \$1.25

WOOD-WIND CHOIR, THE (EB)

The film begins with the third movement of Brahms' First Symphony and ends with the Scherzo from Mendelssohn's *Midsummer Night's Dream* music, each of these compositions being well suited for displaying the wood-wind instruments. The body of the film is taken up by demonstrations of the individual tone quality of the various instruments and gives pupils opportunity for studying playing techniques. Compositions interpreted in the film to illustrate the use of the wood-wind instruments include excerpts from Rossini's "William Tell" overture, Von Weber's overture "Der Freischutz," Beethoven's Third Symphony, Schumann's piano concerto, and the Second Movement of Brahms' Fourth Symphony. (See Brass Choir, Percussion Group, String Choir, Symphony Orchestra.)

i-j-h-c 11 minutes \$1.25

WOODWORKER (VGF)

The film points out that the many phases of the building industry employ thousands of men who work

with wood. Furniture, mill work, and pattern making establishments employ woodworking craftsmen in large numbers.

Shows carpenters erecting scaffold, setting forms for concrete foundations and walls. Men are shown constructing a house from foundation through to the flooring and finishing. Mill working operations are portrayed, such as sash and door, stair building, and cabinet assembly. Small cabinet shops offer another field. Work in veneer and furniture factories is outlined. In the woodworking field one can hope to be a foreman, a contractor or to own a shop. The picture closes with scenes of a student working in the school woodworking class and a summary of how mechanical drawing, mathematics, and sciences will help the student to better prepare himself for the woodworking field.

j-h-c 11 minutes \$1.25

WOODY DINES OUT (Castle, Color)

Woody thinks taxidermist's store is a restaurant and demands menu. Cat owns store and can get \$100,000 for a stuffed woodpecker. Tricks to dope Woody but the bird is no dope. Takes eight of cat's nine lives in riotous finale.

general 11 minutes \$2.25

WOODY PLAYS SANTA CLAUS (Castle)

It takes Santa Claus to get a free meal at Wally Walrus's lodge — so Woody disguises himself as Santa Claus.

general 8 minutes \$1.75

WOOL (EB)

Tells the complete story of wool from sheep on a Wyoming range through the final knitting of worsted yarn into sweaters.

p-i 11 minutes \$1.25

WOOL, FROM FLEECE TO FABRIC (DL)

Is the story of wool from the backs of sheep to the backs of men. It goes from sheep and shepherds on the high plateaus of the West and rolling hills of the South to the smart shops of the East. En route are seen sequences on shearing, unique methods of packing wool in bags, transportation of these bags by truck, train, and boat to the marketing centers, sampling and appraising the wool in these centers, and the processes through which wool goes on its way to the ultimate consumer.

j-h-c 30 minutes \$3.00

WORK OF RIVERS (EB)

Presents dramatically, yet simply, the erosion cycle of water on the earth's surface. The main story is introduced with a brief portrayal of the water cycle in nature. The main story is integrated by motion pictures, specially taken for the picture, presenting examples from many parts of the country. Models and ani-

mated drawings are employed to explain such special features as Niagara Falls, deltas, meanders, oxbow lakes, rejuvenated rivers, lakes, water gaps, and sand bars.

j-h-c 11 minutes \$1.25

WORK OF RUNNING WATER (EB)

Displays and analyzes the activities of the most effective agent of erosion — running water. Models and scenes from all parts of the world show how running water wears away the land. Many picturesque results of erosion are analyzed. To illustrate stream deposits there is included an unusually complete sequence on the formation of deltas and flood plains. This is splendidly illustrated by sand table models and aerial scenes of the Mississippi bottom lands.

j-h-c 11 minutes \$1.25

WORK OF THE ATMOSPHERE (EB)

Reveals the numerous ways in which the atmosphere plays a part in altering the earth's surface. The film shows how temperature variations and winds disintegrate rocks. The movement of sand, loess, dust, and volcanic dust over great distances on the earth's surface is dramatically visualized. Then follows an explanation of the formation of soil and its significance.

h-c 11 minutes \$1.25

WORK OF THE KIDNEYS (EB)

Animated drawings, together with laboratory demonstrations, describe the renal system, the formation of urine, regulation of blood composition, and the functioning of the bladder. Relation of blood pressure to urine flow, and rate of secretion as affected by sugar, water and temperature, are given particular consideration. The film concludes with an analogy between kidney function and the action of a gyroscope.

j-h-c 11 minutes \$1.25

WORK OF THE STOCK EXCHANGE (C)

Shows how land, labor, management, and money work together in producing the commodities which are the basis for economic life of America. The growth of a small business is followed from the start as a partnership of three men to the formation of a corporation whose securities are listed by the Stock Exchange. The film shows not only the detailed operation of the Stock Exchange but gives a background of information about the part which the Stock Exchange plays in our entire economic structure.

h-c 16 minutes \$2.00

WORKING KNOWLEDGE OF THE NATIONAL GOVERNMENT (KB)

A graphic analysis of our forms of National Government showing and explaining the separate functions

of each branch. Actual scenes in Washington, our National Capital, giving a clear mental picture of the magnitude of the business of government.

j-h-c 11 minutes \$1.25

WORKING TOGETHER (EB)

A dramatic and authentic case history of labor-management cooperation in an American industrial plant. Portrays vividly how workers and management learned from hard experience that working together pays. Clearly defines tensions and difficulties between the company "local" and management, pointing out without bias the grievances of both. Drives home the fact that thoughtful men on both sides of the industrial fence can work for and gradually obtain mutual understanding.

h-c-a 22 minutes \$2.00

WORKING WITH OTHER SUPERVISORS (USOE)

Several supervisors discuss Larry, one of their colleagues, who has been unable to work harmoniously with them. The question is raised — What can be done about Larry?

h-c 8 minutes \$1.25

WORLD AT WAR, THE (OWI)

Gives a graphic history of the years 1931-1941 — from the Japanese invasion of Manchuria in 1931 to the bombing of Pearl Harbor ten years later. The pattern of aggression in China, Ethiopia, Spain, Poland, Belgium, Holland, and France is shown.

j-h-c 44 minutes \$4.00

WORLD BALANCE OF POWER (EB)

Discusses the principle of world balance of power as the foundation of national independence and international peace in the modern world. Suggests that in the present international crisis new aggressions and wars can be prevented by the adherence of nations to the balance of power principle.

h-c-a 20 minutes \$2.00

WORLD IN A SCHOOLROOM (UW)

Citizens of Manhasset, Long Island, N.Y., give demonstrations of their various skills in the schoolroom, so that students may learn just what goes into the various tasks that the community performs. The film shows a practical application of the principle of integrating the school with community life.

h-c-a 17 minutes \$2.00

WORLD OF PLENTY (BIS)

Food — its production, distribution and consumption is the subject of this film. The central theme that food is man's security is developed by means of graphic

pictures, diagrams, and argument. Prewar problems of overproduction, glutted markets, and hungry people are shown at the film's beginning.

j-h-c 45 minutes \$4.00

WORLD SERIES, 1946 (IHSA)

Glimpses of the all-star game between the American and National League and of the World Series between the Boston Red Sox and the St. Louis Cardinals. (IHSA members only)

general 30 minutes Handling charge, \$1.50

WORLD SERIES, 1947 (IHSA)

Show the actions and the highlights of the series. Gives complete coverage of the games.

general 40 minutes Handling charge, \$1.50

WORLD SERIES OF 1948 (IHSA)

Shows the highlights of the World Series between the Cleveland Indians and the Boston Braves.

general 40 minutes Handling charge, \$1.50

WORLD SERIES OF 1949 (IHSA)

The Yankees trip the Dodgers, four games to one, to take the 1949 World's Series. Allie Reynolds and Preacher Roe trade 1-0 shutouts in the first two games, and the Yankees take the next three in a row to clinch an exciting series.

j-h-c-a 40 minutes Handling charge, \$1.50

WORLD TRADE FOR BETTER LIVING (EB)

Illustrates how the exchange of goods and services between countries of the world is essential for a higher standard of living in every country. Describes major features of international trade; indicates conditions which have led to the growth of restrictions on trade; discusses solutions for major trade problems.

j-h-a 22 minutes \$2.00

WORLD WE LIVE IN, THE (KB)

A close-up study of our earth as one of the planets is presented, and many interesting and startling facts about our earth are shown as well as the divisions into hemispheres, etc. There are illustrated animated drawings.

j-h-c 11 minutes \$1.25

WRENCHES (USOE)

Different kinds and how to use them.

j-h-c 20 minutes \$2.00

WRITING BETTER BUSINESS LETTERS (C)

Jim is fortunate in having a friend like Eddie at hand to show him how his poor business letter might spoil their vacation plans. In an entertaining presentation this film emphasizes the three principal character-

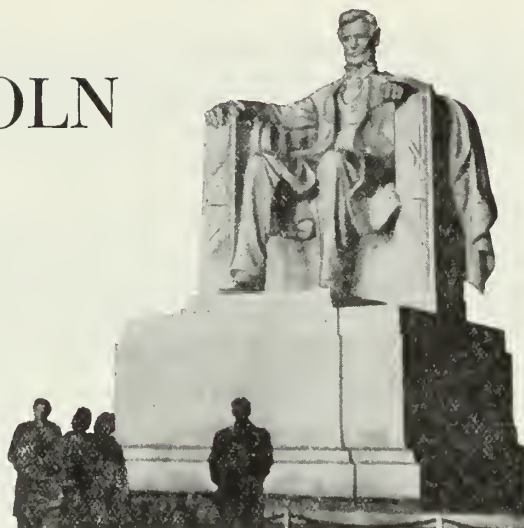
ABRAHAM LINCOLN

A Background Study

A superb introductory study of Lincoln for Junior High School and High School students.

12 MINUTES RUNNING TIME

\$2.00 PER WEEK



istics of a good business letter: clarity, brevity, and courtesy.

j-h 10 minutes \$1.25

WRITING BETTER SOCIAL LETTERS (C)

Writing letters for many people is a chore, an effort to be put off and finally done — unsatisfactorily. This film shows that good letters can be written easily and naturally, and makes a pleasant occupation out of what was once an unpleasant task. Simple principles of letter writing which will help students write better social letters with less effort are effectively demonstrated.

j-h-a 11 minutes \$1.25

WRITING THROUGH THE AGES (EB)

Presents a chronological history of writing as a means of communication. Shows how writing evolved from pictures and signs and illustrates that local materials used as writing tools influenced the methods of sign writing and making. Depicts significant features of early Chinese, Mesopotamian, and Egyptian writings. Stresses contributions of Phoenicians, Greeks, and Romans.

i-j 11 minutes \$1.25

WYOMING AND ITS NATURAL RESOURCES (USBM, Color)

A beautiful color film showing the natural wonders of several of America's recreation areas: Jackson's Hole Country, Rocky Mountain and Yellowstone National Parks. Important industries of Wyoming are also shown.

general 33 minutes Handling charge, \$1.00

YANKS ARE COMING, THE

(TFC, Restricted to Classroom Use)

The Yanks Are Coming is a picture of America under the influence of wartime emotions.

Composed, for the most part, of newreel shots taken

from 1917 to 1919, it opens with the Lusitania sailing from the harbor. Then we see newspaper headlines announcing the declaration of war. Troops are shown boarding ships. Ships, being loaded with war supplies in this country, are unloaded in France. Citizens parade, sell liberty bonds. There are war posters everywhere. We see ships being built; ammunition factories are humming. There are scenes also of fighting on the western front.

Finally, the armistice is celebrated. The peace conference, with pictures of Lloyd George, Clemenceau, and Woodrow Wilson, is seen. American troops are returning home.

The musical background includes a chorus singing popular songs of the period.

general 11 minutes \$1.25

YANKS BOMB TOKYO (UW)

In this film we see the detailed preparations which were made by Major Doolittle and his men prior to the historic raid on Tokyo. These scenes were taken aboard the United States aircraft carrier, the Wasp — "Shangri-La." The take-off of the heavy bombers is likewise shown. Animated diagrams indicate the path of the flyers.

j-h-c 11 minutes \$1.25

YARN AND CLOTH CONSTRUCTION (C)

Shows a great many of the progressive stages of converting raw fibers into completed fabrics. Magnification is used throughout the film to clearly show students differences in fabrics and in weaves. (For other titles in this series see Basic Fibers in Cloth.)

j-h-c 11 minutes \$1.25

YELLOW JACK (MGM)

Presents the work of Major Walter Reed with the Yellow Fever Commission and the heroism of the vol-

unteers for his experimentation. Shows the problems which confronted Major Reed in conquering the dreaded "yellow jack," and the experiment by which he proved that the disease was carried by the stegomyia mosquito.

i-j-h 29 minutes \$3.00

YELLOWSTONE (ESF)

Presents Yellowstone National Park with its boiling springs, fantastic rock formations and spectacular eruptions of geysers. Depicts the wildlife of the Park.

i-j-h 11 minutes \$1.25

YELLOWSTONE (OTT, Color)

Scenes in Yellowstone National Park including Yellowstone Falls, Morning Glory Pool, Dragon's Mouth Cave and other scenic points in the park.

j-h-c-a 10 minutes \$2.25

YES, BANANAS (UFC)

This is an exceptionally well-produced film depicting the industrial and agricultural processes connected with the banana industry. It is free from objectionable advertising. The commentary is by Alois Havrilla.

i-j-h 11 minutes Handling charge, \$1.00

YESTERDAY AND TODAY (IH)

Demonstrated in this film are the old and new ways of farming. Many of the modern methods are contrasted to the old slow methods used by our grandfathers. The cornpicker, combine, baler, and plow are some of the machines described in detail.

j-h-c 10 minutes Handling charge, \$1.00

YESTERDAY IS OVER YOUR SHOULDER (BIS)

Mr. Anyman, a British citizen with a job of little importance to the war effort, enrolls in an intensive training program and becomes a skilled worker.

a 9 minutes \$1.25

YOU AND YOUR ATTITUDES (ASF)

The Barrett family gathers around the dinner table to discuss "social attitudes" — money and allowances, foreign groups, the new girl on the block, and the prejudices which create unintelligent attitudes.

h 10 minutes \$1.25

YOU AND YOUR BICYCLE (PRP)

Covers all phases of bicycle safety, including maintenance. Shows the necessity for alertness; correct arm signals; types of intersections and what to watch for; varying road surfaces; where and how to park; hazards to watch for while riding; riding at night; how to carry bundles; etc. A portion of the film shows unsafe practices to avoid and what will happen if they are

followed. In this group are shown hitching rides, stunting, riding double, passing cars on the wrong side, etc.

i-j-h-a 11 minutes \$1.25

YOU AND YOUR FAMILY (YMCA)

Designed to help audiences discuss the problems of how young people and their parents should act toward one another in the everyday business of living together, this film shows typical family problems and invites the observer to join in the discussion to follow the showing of the film.

h-c 11 minutes \$1.25

YOU AND YOUR FRIENDS (YMCA)

Is a participation film showing a teen-age party. The audience is asked to listen to the dialogue and watch the action on the screen carefully in order to evaluate different types of behavior.

h-c 11 minutes \$1.25

YOU AND YOUR PARENTS (C)

The issue of parental authority is one that touches every home where there are growing children. So this film becomes especially important to parents, youth counselors, and social leaders as well as teachers. The process of "growing away" from the family is described as a natural and normal one in this film. But audiences see how it can lead to difficulties in the home if both parents and children do not take the time to understand each other's problems. The film points out that greater freedom and responsibility are given to children on the basis of real maturity, not just physical age.

j-h-h-a 15 minutes \$2.00

YOU AND YOUR TIME (ASF)

Presents teen-agers with the problem of how to make the best use of one's time. Same questions or situation format as in other art of living subjects.

j-h 11 minutes \$1.25

YOU AND YOUR WORK (C)

Being satisfied and happy in one's work, the right attitude and approach to a job, achieving personal adjustment — these are basic problems which the vocational guidance worker must help others solve. This is the story of Judd Taylor, his failure in a good job, and of his ultimate rehabilitation and success.

h-c 10 minutes \$1.25

YOU BET YOUR LIFE (PRP)

Designed to teach standard driving practices as approved by the uniform vehicle code, including road signs, markings and proper signaling.

j-h-a 11 minutes \$1.25

YOU CAN BEAT THE A-BOMB (RKO)

Shows that your chances of surviving the A-bomb attacks are better than you think. You are not helpless, but you may have only 3 seconds to act. Stresses preventive measures to be taken — types of bomb shelters, building safety, first aid for victims, and how to dispose of contaminated food and clothing.

h-c-a 20 minutes \$2.00

YOU, THE PEOPLE

(TFC, Restricted to Classroom Use)

This dramatic short features the operations of a corrupt city political machine. Methods of coercing campaign contributions, stuffing ballot boxes and persuading citizens that voting is of no use are effectively portrayed. This picture successfully implies that the cast might be any Mr. and Mrs. Citizen. The moral is effective. Well organized, directed, and photographed.

h-c 22 minutes \$2.00

YOU'LL TAKE THE HIGH ROAD (NFBC, Color)

The film takes a sight-seeing tour of the Canadian Rockies via the new Banff-Jasper national highway through the scenic beauty of Canadian natural wonders. Along the 186 miles of roadway, such sights as the Valley of the Crooked Trees, The Columbian Ice Fields, and mountain lakes point out the grandeur of the region. Wildlife abounds in a very docile state, unperturbed by the presence of man. Some of the scenes taken are truly of breath-taking beauty.

general 12 minutes Handling charge, \$1.00

YOUNG URUGUAY (OIAA)

Uruguay has a low rate of illiteracy. The reason is set forth in Julien Bryan's film describing the educational system of that country. The excellent system including rural schools, universities and colleges is described in detail. The people's recreation, sports and amusements are shown in their relationship to the educational program.

j-c 20 minutes \$2.00

YOUR CHILDREN AND YOU (BIS)

This subject concerns the care of young children from the first months to the age of four or five. It realistically portrays the struggles of average imperfect parents and average imperfect children. Although the film is mainly a counsel of perfection, the suggestions are practical and parents could adopt them all without growing wings.

general 31 minutes \$3.00

YOUR CHILDREN'S EARS (BIS)

Few people are born deaf, and all too frequently loss of hearing in later life is due to carelessness and ignorance. In this film, the physiology of the ear is

explained in detail by animated diagrams. Often children who appear dull and unresponsive are suffering from hearing difficulties, which can easily be cleared up if given proper medical attention.

general 15 minutes \$2.00

YOUR CHILDREN'S EYES (BIS)

Rest, recreation, and good food are necessary to healthy eyesight. Medical advice must be sought in cases of organic defects or diseases, but the application of logical common sense in daily life will keep a healthy eye healthy. Amusing animated diagrams depict the physiology and care of the eye.

general 20 minutes \$2.00

YOUR CHILDREN'S MEALS (BIS)

This is a lively and imaginative attempt to make parents understand the rhyme and reason of good eating habits. In a series of incidents, the film makes points about many of the difficulties which occur three times a day. There are no ready-made solutions to every problem, but the film shows parents how they can see mealtime from the child's point of view as well as their own.

general 14 minutes \$2.00

YOUR CHILDREN'S SLEEP (BIS)

In their everyday lives, children have their own particular problems to overcome. Insignificant to an adult, to a child they are important and even frightening. They can cause sleeplessness or nightmares. This film stresses the importance of sound, healthy sleep, and advises parents on the ways in which they can ensure it for their children.

general 23 minutes \$2.00

YOUR CHILDREN'S TEETH (BIS)

The film explains the structure of first and second teeth. The child should be given a well-balanced diet and taught the proper method of brushing the teeth. Decay should be attended to at once, for in its advanced stages it may poison the whole system.

general 14 minutes \$2.00

YOUR DRIVING HABITS (UW)

The elements of good driving are shown: how to start the engine; how to shift gears and use the clutch; how to use brakes; how to drive on curves, pavements, and in mountainous country; how to drive through ice, snow, water, and mud; and how to park a car.

h-c-a 15 minutes \$2.00

YOUR EARNING POWER (C)

The amount of money you are able to earn when you take a job depends on several factors — economic conditions, your preparation, personal factors about

you, and the kind of work you do. The film shows how these factors affect earning power, and how time spent in school can help young people to develop factors which will increase their earning power.

j-h-c 10 minutes \$1.25

YOUR EARS (YA)

Illustrates the construction of the human ear and the function of each of its parts. Discusses the manner in which certain diseases cause deafness and stresses the necessity for proper care of the ears.

j-h-a 10 minutes \$1.25

YOUR ENEMY: GRASSHOPPER (USDA, Color)

The grasshopper is an enemy to agriculture in all parts of the nation. Examples of destruction resulting from grasshopper infestation of various regions of the nation are presented. The life cycle and conditions, both favorable and unfavorable to the survival of the grasshopper, are illustrated. The work of the USDA in combating and controlling grasshoppers is shown. Various scenes show a regional war being waged against grasshoppers and the methods for the individual rancher or farmer to use in the combat are suggested.

h-c-a 22 minutes \$3.00

YOUR EYES (YA)

Animation and live photography are used to show the construction of the human eye and the function of each of its parts. Explains such maladjustments as farsightedness and nearsightedness, and their manner of correction. Stresses the importance of proper care of the eyes.

j-h-a 10 minutes \$1.25

YOUR FAMILY (C)

The delightful story of a happy family, the Brents. They have difficulties, of course, but through mutual understanding and acceptance of responsibility, through cooperation, they have achieved that vital sense of unity so necessary to a happy, harmonious home life. This picture will develop an appreciation and understanding of the family as a social unit and the role of the individual in that unit.

p 10 minutes \$1.25

YOUR FAMILY BUDGET (C)

Who makes up a family budget? How is a family budget operated? If well-planned and operated, does a family budget contribute to family well-being and happy relations? These and other important questions are answered in this film. The budget, methods of preparation, and values of budgets were carefully planned and checked.

j-h-c-a 11 minutes \$2.00

YOUR FRIEND, THE DOCTOR (C)

For the well-being of the school and for the healthy growth of the individual, primary grade youngsters should have certain medical attention and care. This film helps children understand some of the functions of the doctor in their lives and motivates them to "be friends" with their doctor. Through the experiences of a new boy in town who finds a new doctor, young audiences will come to understand just what the doctor does and why it is important for them to cooperate with him and help him.

p-a 10 minutes \$1.25

YOUR GIANTS IN THE EARTH (PCC)

Story of the men and machines which mine coal in a modern mine. Describes the mining of coal from the time the miners enter the mine until the coal is delivered to its consumer. Shows modern safety devices in coal mining and the important use of coal in modern industry.

h-a 17 minutes Handling charge, \$1.00

YOUR MOVIE CAMERA AND HOW TO USE IT (HFE)

Humorous presentation designed to help the amateur enjoy his camera.

j-h-c-a 11 minutes \$1.25

YOUR NATIONAL GALLERY (UW)

A motion picture tour through the National Gallery of Art at Washington, D.C. The camera looks at the priceless paintings, sculpture and tapestries, going down massive corridors, stopping before especially outstanding masterpieces, going in for a closer look, then proceeding on to new treasures. Rembrandt, Reubens, Renoir, Gainsborough, Romney, Reynolds, Van Dyke, Whistler, as well as some of America's own immortal originals are shown.

i-j-h-c-a 10 minutes \$1.25

YOUR PERMIT TO DRIVE (GM)

Part of Driver Education series. Other film titles are: Driving Economically (17 min.); Practice Makes Perfect Drivers (11 min.). Filmstrips are: Controlling the Car; Driver Fitness and Attitude; Driving Straight Ahead; In Case of Accident; Intersection Controls; Parking; Preventive Maintenance; Road Emergencies; Speed Control; Starting the Car; Switches, Instruments and Controls; and Turning.

h 11 minutes \$1.25

YOUR POSTAL SERVICE (MOT)

The inner workings of the U.S. Post Office including the hundreds of thousands of men and women who daily cope with the ever-increasing avalanche of mail.

Behind all this are the postal inspectors who protect the privacy of our communications and safeguard the things of value while they are in the mail.

i-j-h 22 minutes \$2.00

YOUR SOCIAL SECURITY (S.S.A.)

Explains the legislative history, provisions, and operation of the Social Security Act. Special attention is given to the fifteen million newly covered by the 1950 amendment. Also describes the work of field representatives, the bookkeeping and record operations at headquarters, and the service of agents in the five hundred local offices throughout the country.

a 19 minutes \$2.00

YOUR THRIFT HABITS (C)

Teaches students a lesson in thrift they should remember all their lives. After they've seen this film students will realize that by setting up a budget for systematic savings, by careful buying, doing without extravagances, and choosing between immediate and future satisfactions, they'll attain many material goals in life.

i-j-h 10 minutes \$1.25

YOUR VOICE (EB)

The four phases of voice production are explained: respiration, phonation, resonance and articulation. Real-life photography shows the vocal folds in operation. Exercises for the improvement of the voice are suggested.

h-c 11 minutes \$1.25

YOU'RE THE DOCTOR (AHO)

Stresses the important role of the hospital in community life, and the various professional services available to patients in the hospital.

h-c-a 18 minutes \$2.00

YOURS IS THE LAND (EB, Color)

Stresses the interdependence of the four great natural renewable resources: soil, water, forests and grasslands, and animal life. Portrays ways in which some of these resources came to be. Exposes the results of man's practice of taking too much from the earth in too short a time. Emphasizes the need for a system of orderly management of our natural resources.

h-c-a 22 minutes \$3.00

YOURS TRULY, ED GRAHAM (ILI)

Presents the story of typical people and their problems—the search for personal and family security. Shows the role of the life insurance agent in his community. Suitable for school, church, and club showings.

general 25 minutes Handling charge, \$1.00

YOUTH BUILDS A SYMPHONY (NMCM, Color)

The National Music Camp at Interlochen, Michigan, is the location of this film. The daily routine, a few of the many guest conductors, and organizational and sectional rehearsals are included. The recreational facilities and the beautiful grounds of the camp are pictured.

j-h-c 33 minutes \$4.00

ZINC — ITS MINING, MILLING AND SMELTING (USBM)

Shows geographic location of zinc-bearing ores in U.S. and a mining community in New York, miners descending mine, entering tunnels, and arriving at cavernous slopes from which ore is mined. Safety precautions are illustrated in actual operations. Animated diagrams clarify complicated processes of crushing, screening, chemical separation and flotation, roasting, sintering, and smelting in electric furnace in preparation of metallic zinc and zinc oxide. Closing scenes show some principal industrial uses of zinc oxide and metallic zinc.

j-h-c 30 minutes Handling charge, \$1.00

ZOO, THE (EB, Color)

This is a visit to one of America's largest and most modern zoos. All the animals are displayed in large outdoor areas, some of which simulate the animals' native habitat. Although some visitors are seen, the major emphasis is on the animals—their characteristic actions, their unique coloration, and their feeding habits.

p-i 11 minutes \$2.25

ZOO'S WHO (OF)

A tour of a modern zoo—where large enclosures surrounded by moats are used instead of cages. Training lions, tigers, elephants, penguins, seals, and monkeys.

p-i-j-h 9 minutes \$1.25

FILMS RECEIVED TOO LATE TO CLASSIFY

"ACCENT AIGU": AU RESTAURANT (IFB)

Marcel and Jacqueline call for Bill and Betty, to take them out to dinner in Paris. At the restaurant they order their meal, listen to music, and make plans to go to the theater afterwards. They talk of the voyage Bill and Betty have made from America to France, and plan things to do in France. French commentary and dialogue.

h-c-a 11 minutes \$1.25

"ACCENT AIGU": COURSES ET ACHATS (IFB)

Shows Marcel advising Bill where to go to do his shopping in Paris. Bill, taking the bus, goes first to the barbershop for a haircut, then to several stores. When he returns he shows Marcel what he has bought. French commentary and dialogue.

h-c-a 12 minutes \$1.25

"ACCENT AIGU": L'ARRIVEE A PARIS

Shows Bill Johnson and his sister Betty as they land at LeHavre, France, take the boat to Paris, and go to the cité universitaire to live. They meet Marcel, a friend of Bill's and plan to go to dinner with him and Jacqueline, Marcel's friend. The porter takes Bill to his room and makes sure he is satisfied with it. French commentary and dialogue.

h-c-a 12 minutes \$1.25

AGAIN PIONEERS

Shows the efforts of leading citizens in an average American town to rid the community of a group of migrants settled in shacks on the outskirts of town which they feel threaten health and welfare. A home missions field worker helps the citizens to see the needs of these, their neighbors, and to see something of the total task of the church in relation to the underprivileged of the nation.

j-h-c-a 70 minutes \$7.00

AGELESS PARIS (FON, Color)

The real, beloved Paris, with Parisians at work and play. Special features are: atop Notre Dame Cathedral; Montmartre with the Artists; the "Flea Market"; the parks; the boulevards; and the places of history — Napoleon's tomb; the statue of the Venus de Milo.

h-c-a 13 minutes \$3.00

AMERICAN PIONEER, THE (AL)

The early colonial period of American expansion westward offers a rich chapter in our history. In this film authentic types are portrayed from all walks of life, people who sought new lands west of the Alleghenies. Costumes and customs of the period, modes of transportation, the physical dangers encountered —

heat and cold, mountains, storms, floods are featured. Shows the building of a frontier fort against Indians, and conflicts with Eastern land speculators.

j-h-c-a 10 minutes \$1.25

ANATOMY OF THE DOGFISH (UW)

The anatomy and functions of the dogfish are shown by actual shots of living fish, detailed dissections, and animated diagrams.

h-c 21 minutes \$2.00

ANCHORS AWEIGH (UW)

Navy song sung off screen while scenes of naval operations at sea are shown. Words are superimposed upon background at close of film.

j-h-c-a 3 minutes \$1.25

ANIMALS OF THE FARM (M, Color)

A tool to familiarize the young student with the common farm animals, and to introduce them to a study of the value of domesticated animals to society. In the form of a slowly paced tour, it takes the audience behind the farmer's fences to secure a close-up view of barnyard activity.

p-i 10 minutes \$2.25

À PARIS (IFB)

Glimpses of the economic and cultural life of Paris. After a view from the air of L'Ile de la Cite, we quickly pass into the thickest of modern traffic around the Place de l'Opera. Then we see railroad stations, an auto factory, the big early morning markets, department stores, different "quarters" and points of interest about the city in close succession.

h-c-a 18 minutes \$2.00

ARIZONA (INF, Color)

Historical, scenic, and industrial highlights of Arizona, with emphasis upon the Navajo Indians who live in the State.

i-j-h-c-a 10 minutes \$2.25

ART IN OUR WORLD (BFS, Color)

Discloses sources of inspiration in man's environment and interprets these forms through the eyes of the creative artist. Designed to increase the art student's sensitivity to the world of movement, acquaint him with some of the successive phases of movement, and develop an urge to explore movement and investigate change in all its forms.

j-h-c-a 11 minutes \$2.25

ART INSTITUTE (AFR)

Depicts the collection at the Chicago Institute, which covers the span from ancient to modern art. Part of the

film is devoted to classroom scenes of students at work with linoleum block printing, pottery making, textile design, sketching, and painting.

h-c-a 10 minutes

ARTISANS OF FLORENCE (IFF)

The Institute of Art in Florence, Italy, furnishes the setting for a film which shows many phases of Italian art and handicraft: ceramics, drawing, sculpturing, leather tooling, silver hammering, and jewelry designing. Also shows Italian home life and Italian agriculture. Closes with a "festa del l'Uva" — the Feast of the Grapes.

j-h-c-a 20 minutes \$2.00

ARTIST AND NATURE (BFS, Color)

Discloses sources of inspiration in man's environment and interprets these forms thru the eyes of the creative artist. Designed to stimulate original thinking and creativeness, to direct attention to the way a creative artist sees and interprets his native environment, to help students become aware of the opportunities in their environment for enjoying art, and to inspire a search for experiences which will aid in understanding and using art in everyday living.

j-h-c-a 11 minutes \$2.25

BABY'S FIRST YEAR (KB)

The first sequence shows the care of the mother, the value of a trained nurse, proper foods and exercises. Detailed description of the baby's schedule, including breast feeding, bathing, and sleep are shown.

h-c-a 10 minutes \$1.25

BANDS OF THE U.S. ARMY (UW)

The story of the soldiers of music who comprise the army bands and who carry on the glorious tradition which has been a part of the Army service since the days of the American Revolution. Shows exacting training schedule bandsmen must go through to become a member of this vital morale-building contingent.

general 15 minutes \$2.00

BEAUTY FOR SALE (McGH)

Presents modeling as a career. Part of This is America series.

h-c-a 18 minutes \$2.00

BEFORE THE BABY COMES (KB)

A detailed study of correct practices for the expectant mother. The film shows the mother's first trip to the doctor and explains the value of an early physical examination. Correct clothes are shown and explained, then dental care, foods to be eaten, bathing, and other practices for good health during the period of pregnancy.

h-c-a 10 minutes \$1.25

BEHIND THE SCENES AT THE AIRPORT (M)

Modern airliners land and take off at our airports with such apparent ease that we get only a hint of the extensive organization necessary to efficient handling of passengers and aircraft. Film goes behind the fences and hangar doors marked "Employees only" to get some glimpses of this highly organized work.

p-i 10 minutes \$1.25

BEYOND OUR OWN (RFA)

Shows the world wide nature of the evangelical message of Christianity through the story of a lawyer who visits his brother, a medical missionary in China.

j-h-c-a 40 minutes \$4.00

B-FLAT CLARINET (MCG)

Shows in vivid detail the assembly and care of this instrument. The portrayal of the need for good handling habits makes this film valuable to your entire band or orchestra.

h-c-a 10 minutes \$1.25

BIRD HUNT (UC)

The story of two young boys — one six years of age, the other, eleven — and their first experience with inflicted death. The story is told simply, yet powerfully. The boys . . . an air rifle . . . open fields . . . the vivid imagination of the young . . . these factors combined, result in the death of a bird. Allegorically, the story is left open for its free effect on the audience.

i-j-h-c-a 12 minutes \$2.00

BORN EQUAL (LF)

The meaning and purpose of the United Nations Declaration of Human Rights. It takes the first article; that all men are Born Equal and develops the theme, making a comparison between freedom in a well run Democracy and lack of freedom in a police state. Without showing horror, it makes appreciation of freedom understandable, even to a child.

p-i-j-h 10 minutes \$1.25

BOWLING FUNDAMENTALS (M)

We all enjoy the things we do well. The key to continued enjoyment of the sport of bowling is to help the individual develop basic skills as a beginner. Film makes clear a few rudimentary principles which will be retained and applied with encouraging success at the bowling alley, and thus encourage further participation and development.

h-c-a 10 minutes \$1.25

BUCK CHEESER (COR)

Buck takes a rocket trip to the moon and has a merry journey on the seat of a dream.

p 10 minutes \$1.25

CAISSONS GO ROLLING ALONG (UW)

Field artillery song sung with background of graphic scenes of field artillery in action.

j-h-c-a 3 minutes \$1.25

CALIFORNIA (INF, Color)

Over-all view of the "Golden State," its scenic wonders, agricultural areas, and outstanding industries.

i-j-h-c-a 10 minutes \$2.25

CAMPING EDUCATION (LC)

Tells of the need for outdoor education in America and shows how teachers, school administrators and youth leaders are trained at Life Camps National Camp.

c-a 18 minutes \$2.00

CELL DIVISION (ATB)

The living cell, suspended in a liquid medium, is shown developing through a 21 hour division cycle. Titles and arrows float over the moving scenes to identify nucleus and chromosomes. Shows the dissolution of nuclear walls, spindle formation, assembly and separation of chromosomes at equatorial plate, division of parent cells and formation of new cells. Excellent clarity of detail definition and contrast.

j-h-c-a 11 minutes \$1.25

CHAMPION, THE (OF)

Pensive Charlie Chaplin challenges the champ in a heavyweight fun fest.

general 10 minutes \$1.25

CHILD GROWS UP, THE (KB)

The first sequences tell of the value of play to the developing child, explaining that play is the child's work. The value of various playground devices and toys is explained. Shows necessary trips to the doctor and dentist each year, and the value of cleanliness and orderliness in the home.

h-c-a 10 minutes \$1.25

CINEMATOGRAPHER, THE

(TFC, Restricted to Classroom Use)

Describes the importance of a director of photography to the quality of Hollywood motion pictures, and shows some of the factors to be considered in planning the desired effect on the screen. Excerpts from feature films provide examples of scenes lighted for suspense, romance, comedy, tragedy, action, struggle, and underwater photography.

general 10 minutes \$1.25

CIRCULATION (UW, Color)

Animated diagrams of the human body are used to describe the systematic and pulmonary circulation of the blood. The structure and functions of heart, lungs,

arteries, veins, and the capillary network are shown. Ends with a description of the route of the blood through the body, the heart cycle, and the exchange of oxygen and carbon dioxide in the lungs and body cells.

h-c-a 17 minutes \$3.00

COMMUNICATIONS OF OUR TOWN (M)

Our efficient communications system probably contributes as much to our prosperous way of life as any other single factor. The film introduces the subject of communications, stressing the importance of many types of communication to "our town."

p-i 10 minutes \$1.25

CONNECTICUT (INF, Color)

Presents the historical background of the state of Connecticut. Takes us on a visit to Hartford, capitol and largest city of the state and often referred to as the insurance capitol of the world, and New Haven, second largest city and the home of Yale University. Covers the dairying and tobacco growing industry. Also covers many historical sites.

i-j-h-c-a 10 minutes \$2.25

COSTA RICA (INF, Color)

Includes the growing of coffee, sugar cane, and bananas.

i-j-h-c-a 10 minutes \$2.25

COURTSHIP TO COURTHOUSE (McGH)

Some contributing factors that lead to divorce.

h-c-a 18 minutes \$2.00

CRAFTSMANSHIP IN CLAY: DECORATION

(IU, Color)

Introduces decoration as adding visual interest to form and shows the three basic materials used for applying designs on a clay surface — clay, glaze, and clay slip. Useful for teaching the basic skills needed and for motivating interest in and appreciation for ceramic art.

h-c-a 10 minutes \$2.25

CUBA (INF, Color)

Covers the agricultural side of Cuba — the growth of crops such as tobacco, pineapples, bananas, coconuts, coffee, and most important of all, sugar. Also shown are Columbus Cathedral, Havana University and the largest and most important cities.

i-j-h-a 10 minutes \$2.25

CULTIVATE YOUR GARDEN BIRDS

(UW, Color)

A beautifully photographed study of neighborhood bird life which pictures nesting habits, feeding habits, and habitats of several common garden birds.

general 10 minutes \$2.25

**DANS LES ALPES — FRENCH TEACHING
FILM SERIES II (IFB)**

Animated maps give the extent and location of the French Alps. Studies of erosion, vegetation, glaciers, and the Ise're River.

h-c-a 19 minutes \$2.00

**DANS LES PYREN'EES — FRENCH TEACHING
FILM SERIES II (IFB)**

Shows how the Pyrenees Mountains have affected the history of France.

h-c-a 17 minutes \$2.00

**DECORATION (CRAFTSMANSHIP IN CLAY)
(IU, Color)**

Introduces decoration as adding visual interest to form and shows the three basic materials used for applying design on a clay surface — clay, glaze, and clay slip. Useful for teaching the basic skills needed and for motivating interest in and appreciation for ceramic art.

h-c-a 10 minutes \$2.25

**DEPART DE GRANDES VACANCES —
FRENCH FILM READER SERIES (IFB)**

A humorous sequence about the family as they are leaving by automobile for a vacation in the country.

j-h-c-a 11 minutes \$1.25

DISTRICT OF COLUMBIA (INF, Color)

The historical, geographical, and scenic highlights of our national capitol.

i-j-h-c-a 10 minutes \$2.25

DUCK AND COVER (ARCP)

Uses cartoons and live action to show young children what to do in case of an atomic attack. After Bert the Turtle sings a song, "Duck and Cover," he demonstrates by ducking into his shell. Then a group of children in school are told by a narrator how to protect themselves during an air raid.

p 10 minutes \$1.25

ELEMENTARY TACTICS OF LIFESAVING (UW)

Gaining control of the victim by surface and underwater approaches, breaks, and carries, with slow-motion land drill and slow-motion demonstration in water are shown.

j-h-c-a 23 minutes \$3.00

**EN BASSE PROVENCE — FRENCH TEACHING
FILM SERIES III (IFB)**

The coastal region of Provence, from the mouth of the Rhone to the Italian border.

h-c-a 19 minutes \$2.00

**EN BRETAGNE — FRENCH TEACHING FILM
SERIES III (IFB)**

The province of Brittany and its people at work and play. Shows first the interior of the country, with

family scenes outside and inside the house. Shown in the coastal zone are the gathering of seaweed for fertilizer, the harvesting in the fields, the loading of trains for Paris, fishing, and fisheries — sardine, tuna, and lobster. A picture of swimmers on one of the many beaches and a final picture of the famous rocky coast conclude the film.

h-c-a 14 minutes \$2.00

**EN CHAMPAGNE — FRENCH TEACHING FILM
SERIES III (IFB)**

Divides this section of France into two parts, the moist and the dry. In the first part we see ponds, pools, forests, pleasant valleys and scattered farms with extensive cultivation. Opposite conditions prevail in the dry country where the chalky limestone soil fills the air with dust. Scenes of vineyards, of grape pickers in action, and a complete exposition of the manufacture of the celebrated Champagne wine which characterizes the industry of this province are featured. The textile industry in Troyes and Rheims is well shown and a beautiful picture of the famous Rheims Cathedral, masterpiece of gothic architecture, concludes the film.

h-c-a 20 minutes \$2.00

**EN HAUTE PROVENCE — FRENCH TEACHING
FILM SERIES III (IFB)**

A visit to the Alpine country of France, and typical Provence country along the Durance River.

h-c-a 15 minutes \$2.00

**EN NORMANDIE — FRENCH TEACHING FILM
SERIES III (IFB)**

First we see the farm life of the province — dairying, farm hands at work and at lunch, hay making, harvesting apples and making cider. Then by contrast we see the industrial life — men working in steel mills, women in textile mills. The picture concludes with several views of two large ports, Rouen and Le Havre.

h-c-a 19 minutes \$2.00

**EVERYBODY TALKS ABOUT IT
(TFC, Restricted to Classroom Use)**

Shows work of the Weather Bureau in study and prediction of weather.

general 10 minutes \$1.25

**FAMILIAR PATRIOTIC SONGS
(TFC, Restricted to Classroom Use)**

A community sing, including "America the Beautiful," "My Own American Home," and other favorites.

general 10 minutes \$1.25

FATE OF A CHILD (UN)

Uses the story of the death of a child to dramatize the conditions which prevail in an underdeveloped area

of the world. Shows how the technical assistance program of the United Nations is intended to help the economic development of such areas, so that the evils responsible for the death of the child can be eliminated.

h-e-a 17 minutes \$2.00

FLIPPER, THE SEAL: BACKGROUND FOR READING AND EXPRESSION (C)

At the zoo a group of school children watch Flipper, the seal, and afterwards one boy decides to learn more about seals. What seals eat and how they swim, dive, and care for their young are learned in conjunction with the meaning of such words as waves, swimming, dive, and fur.

p-i 11 minutes \$1.25

FLORIDA (INF, Color)

Presents the historical, geographical, industrial, and scenic highlights of the state.

i-j-h-e-a 10 minutes \$2.25

FLY ABOUT THE HOUSE (CU)

Humorous animated cartoon drives home a lesson in sanitation. Suitable as light but instructive element in school, health department, club, or factory progress.

general 9 minutes \$1.25

FOUR WAYS TO DRAMA (CU)

A short dramatic episode is presented in four different versions—for stage, radio, television, and motion pictures. These four treatments, using the same plot and characters, illustrate the requirements of each medium as a contrast and comparison study. Based on a demonstration given before the Television Institute, sponsored by the AETA and the University of California.

e-a 33 minutes \$3.00

FRENCH FOR BEGINNERS (M)

Narrated in elementary French by a native Parisian, the film gives new meaning to the study of this important modern language. Prepared from scenes photographed in the City of Quebec and the surrounding province, it stresses the beauty and unchanging charm of this bit of "Old France" transplanted in the New World.

h-e-a 10 minutes \$1.25

FROM CARTIER TO CONFEDERATION (VFBC)

Illustrates Canada's early history from Jacques Cartier's first landing to the uniting of the British North American provinces in 1867. Materials such as pictures, engravings, furniture, all drawn from various Canadian collections, are dovetailed together by the camera so as to present a picture of events, customs, and manners as they appeared to contemporaries.

h-e-a 19 minutes \$2.00

GERMAN LANGUAGE, THE (4 FILMS, UWI)

Each film allows the student to hear and to see native speakers of German conducting a conversation lasting about two minutes. In the rest of the film, the dialogue is broken down into parts which are repeated four times to allow the student to imitate the pronunciation and intonation of the speaker in the film. The films are in order of graded difficulty.

Part I: All the basic sounds of German are pronounced in simple sentences using present tense. The subject of the dialogue is the arrival in Germany of a friend from America. (11 minutes)

Part II: All the basic sounds of German are pronounced in simple sentences using various tenses. The subject of the dialogue is a departure for a skiing trip. (19 minutes)

Part III: All the basic sounds of German are pronounced in sentences of different structural types using various tenses. The subject of the dialogue is a picnic which the students are planning for the following day. (19 minutes)

Part IV: All the basic sounds of German are pronounced in sentences of highly complex structural types. The subject of the dialogue is the building of a new house. (20 minutes)

h-e-a Pt. I \$1.25

Pts. II, III, and IV \$2.00

GIRLS IN WHITE (McGH)

The nursing profession and the training required—steps which qualify a girl as a trained nurse.

h-e-a 18 minutes \$2.00

GLAZE APPLICATION—CRAFTSMANSHIP IN CLAY (IU, Color)

Introduces glazing as an activity of pottery makers and demonstrates four methods of applying glaze—dipping, brushing, pouring, and spraying.

i-j-h-e-a 10 minutes \$2.25

GLIMPSE OF THE PAST, A (IU, Color)

Presents phases of prehistoric American Indian life as revealed by archaeologists who study the features of early village sites and the materials obtained from exploring them.

i-j 10 minutes \$2.25

GROWTH CHANGE—MATURATION DIVISION-MEISOIS (ATB)

Made by phase-contrast cinemicrography of transparent living organisms, depicts the basic process underlying reproduction, growth, and regeneration in all forms of living things with a clarity of detail and definition as well as contrast that has previously not been possible. The speed-up makes one minute on the screen equal to three hours in the lives of the cells.

h-e-a 19 minutes \$2.00

GUARD YOUR HEART (B)

Dramatizes the story of Sam Taylor, a middle-aged man who exerts himself a great deal and tires his heart. When he pays a visit to his doctor, the latter tells him about the structure and function of the heart, and advises him to slow down. Sam eventually adjusts to his new schedule of activities.

c-a 23 minutes \$2.00

HAIL ALMA MATER (UW)

U. S. Military Academy Choir singing "Army Blue" and "Hail Alma Mater," background scenes of West Point.

j-h-c-a 6 minutes \$1.25

HISTOIRE DE POISSONS — FRENCH FILM READER SERIES (IFB)

A humorous incident results when Mr. Martin and Roger decide to go fishing.

j-h-c-a 11 minutes \$1.25

HISTORY OF THE HORSE IN NORTH AMERICA (CU, Color)

The advancement of the horse in 50 million years is demonstrated by the change in size and shape of the skull and foot. The immediate ancestry of the modern horse is presented and shots of the many types follow.

j-h-a 20 minutes \$3.00

HOLLAND AND THE ZUIDER ZEE (TFC, Restricted to Classroom Use)

Life in Amsterdam and adjacent areas.

general 10 minutes \$1.25

HONEYLAND (COR)

The bee world is up in arms when the big bad spider kidnaps their queen.

p 10 minutes \$1.25

HOPPY, THE BUNNY (C, Color)

This is a delightful story of a bunny who lives in the woods. It is told within the framework of a primary classroom situation and leads to follow-up study activities. The story concerns the bunny's travels one beautiful morning as he meets his friends, the racoon and owl, then hops out of the woods and for the first time sees life on a farm. He meets chickens, pigs and tame white rabbits, and after being chased by a dog, returns home safe and sound.

p-i 11 minutes \$2.25

HOW TO MAKE A SILK SCREEN PRINT (ICS)

Shows, in simple, fundamental form, the step-by-step procedures of making a multicolored silk screen print.

h-c-a 20 minutes \$2.00

HOW TO MEASURE: INCHES, FEET AND YARDS (C)

Jimmy has many questions about length. Among them is how much he has grown. When Jimmy's father uses a ruler to measure Jimmy's height, Jimmy wants to find out how to measure. Father and Jimmy examine the ruler together — indicating units of length. From the foot ruler they proceed to a yardstick. Measuring longer lengths, Jimmy plays a game of finding out the length of familiar objects and begins to learn how to estimate lengths in inches, feet, and yards.

p-i 11 minutes \$1.25

HOW TO RUN A LATHE: GRINDING CUTTER BITS (SBL, Color)

Illustrates how to grind cutter bits for various lathe operations including rough and finish turning, facing, and thread cutting. Many extremely clear close-ups make it easy for the beginner to understand how to grind the correct clearance and rake angles. The adjustment of the tool in the tool post and the action of the tool when taking a cut are also shown.

j-h-c-a 20 minutes \$3.00

HOW TO RUN A LATHE: THE LATHE (SBL, Color)

Film I of the series introduces the student to the standard backgared screw cutting lathe, by familiarizing him with the name of each principal lathe part, its purpose and operation. Ideally suited for showing to beginners before they operate a lathe for the first time.

j-h-c-a 20 minutes \$3.00

HOW TO RUN A LATHE: PLAIN TURNING (SBL, Color)

Clearly illustrates all operations involved in the machining of a shaft held between centers. It teaches many of the basic procedures encountered in all lathe work. Among these are measuring with calipers and micrometers, locating and drilling center holes, selecting the proper cutting tools, facing, and rough and finish turning the work piece.

j-h-c-a 20 minutes \$3.00

HUNTING ANIMALS OF THE PAST (UNE)

Thirty million years ago strange animals roamed the Nebraska plains, as evidenced by fossil bones which are found preserved in deep layers of Nebraska earth. These valuable remains are skillfully extracted by trained paleontologists. In many cases, the entire animal can be reconstructed. The film shows the location and excavation of bones, preparation and shipment of specimens, the assembling of the piece, and the display of them in the museum.

h-c-a 22 minutes \$2.00

ILLINOIS (INF, Color)

Presents the historical, geographical, industrial, and scenic highlights of the state.

i-j-h-c-a 10 minutes \$2.25

INDIANA (INF, Color)

Presents the historical, geographical, industrial, and scenic highlights of the state including the cities of Indianapolis, Fort Wayne, and South Bend. Also Notre Dame, Indiana, and Purdue universities as well as manufacturing, industrial, and agricultural centers.

i-j-h-c-a 10 minutes \$2.25

INTRODUCTION TO JAZZ (UC)

Filmed in sepia, this film tells the story of the origin and foundations of jazz. Develops the origin of the musical form in Africa, its transmission to the United States by the slaves brought here, and its gradual spread from New Orleans through this country and the world as a whole.

general 10 minutes \$1.25

IRON: PRODUCT OF THE BLAST FURNACES (A)

Presents diagrams to show what happens inside a blast furnace. Explains how iron ore, coke, and limestone, put into the blast furnace in solid form, are transformed into a liquid metal of pure iron which will next be made into steel. Also develops a study of transportation methods and automatic machinery.

i-j-h-c 11 minutes \$1.25

KENJI COMES HOME (RFA)

Pictures the struggle between democratic Christianity and Communism for the youth of post-war Japan through the story of Kenji, a young man who returns home from the war to his Christian girl friend.

h-a 35 minutes \$4.00

KENTUCKY (INF, Color)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-a 10 minutes \$2.25

KENTUCKY DERBY STORY (RKO)

Shows the details of advance preparation for the Kentucky Derby, the mounting excitement as Derby Day approached, activities at Churchill Downs, and the 75th running, in 1949, as described by Clem McCarthy.

general 18 minutes \$2.00

LA FAMILLE MARTIN — FRENCH FILM SERIES (IFB)

A humorous incident concerned with the return of the daughter, Madeleine, from a holiday in England.

j-h-c-a 18 minutes \$2.00

LA GARONNE — FRENCH TEACHING FILM SERIES (IFB)

Sketches the outlines of France and the course of the river with its tributaries, before presenting its source in the Pyrenees, whose peaks we see as we descend close to the torrent through gorges and ravines. At Toulouse we see the results of floods; at Agen, its low waters; at Castet the river is joined by a lateral canal. Then through the barren country to Bordeaux with its usual maritime activities. The joining of the Dordogne to the Garonne to form la Gironde at the end of its course concludes the river's story.

h-c-a 17 minutes \$2.00

LA LOIRE — FRENCH TEACHING FILM SERIES I (IFB)

A survey of the river from its torrential start in the Massif Central, over steep rocky beds past the power plants, to the more subdued current of the plain where dikes protect the fields against floods. Then the Loire flows through well populated valleys to its estuary and the two ports of Nantes and Saint-Nazaire.

h-c-a 17 minutes \$2.00

LA SEINE — FRENCH TEACHING FILM SERIES I (IFB)

The river's story, not only at Paris, but at Rouen, at Caudebec; its tributaries; the mills, tanneries, and canals for which it furnishes water.

e 17 minutes \$2.00

LAUGHING GAS (OF)

Dr. Chaplin takes over as a dentist. You'll feel as though you had the laughing gas too.

general 10 minutes \$1.25

LE MASSIF CENTRAL — FRENCH TEACHING FILM SERIES II (IFB)

Portrays this mountainous region in the heart of France, including its waterfalls, rapids, high plateaus, peaks, lava formations, crater lakes, and caves.

h-c-a 16 minutes \$2.00

LE RHÔNE — FRENCH TEACHING FILM SERIES I (IFB)

Shows the liveliest of the four big rivers of France as it flows out of the Rhône glacier and hurries down through narrow gorges until it reaches le Lac de Genève. On leaving the calm waters of this lake it becomes a torrent again, cutting through the Jura Range. At Lyon it is joined by the Saône and finally leaves the mountains to seek the valleys of the Midi.

h-c-a 16 minutes \$2.00

LEARNING ABOUT THE PAST (IU, Color)

Shows methods used by archaeologists to discover, excavate, study, and interpret a buried prehistoric

American Indian culture whose unwritten record lies in physical remains and features. Filmed at the Angel Mound Site on the banks of the Ohio River near Evansville, Indiana.

h 10 minutes \$2.25

**LES CANAUX — FRENCH TEACHING FILM
SERIES II (IFB)**

The importance of canals and rivers in the life of France. The Seine and Oise are given as examples of navigable rivers, while the Loire is so shallow that a canal has been built to accommodate shipping.

h-c-a 14 minutes \$2.00

LET'S GO TROOP CAMPING (GSA)

Shows step by step preparations of a group of Girl Scouts and their leaders for a camping trip. The general purpose of the film is to give Girl Scout leaders the skills and confidence they need to plan for camping with their troops, and thereby encourage more troop camping. It brings out the many individuals and groups in the community who helped in various ways to make the trip possible.

h-c-a 20 minutes \$2.00

LIFE OF A HEALTHY CHILD (KB)

Illustrates health activities of a normal school child. Habits of cleanliness, correct diets, safety-first, carefree and fair play at home and in school, visits to the dentist and physician are emphasized. It shows an effective way to care for the mouth, teeth, and body.

i-j 10 minutes \$1.25

LIFE OF EMILE ZOLA

(TFC, Restricted to Classroom Use)

An excerpt which stirringly depicts Zola's defense of Captain Dreyfus.

general 30 minutes \$3.00

LINCOLN SPEAKS AT GETTYSBURG (AFF)

Briefly describes the causes and major battles of the Civil War, and discusses the events leading up to Lincoln's Gettysburg address. Uses contemporary drawings and paintings, including some by Winslow Homer and Thomas Nast, as documentation. The Gettysburg address is presented in this background.

h-c-a 12 minutes \$2.00

LION TAMER, THE (OF)

Amos persuades Andy to try his hand at lion taming, with rib-tickling results.

p-i-j 10 minutes \$1.25

LORD'S PRAYER, THE (UW)

U. S. Air Force's Singing Sergeants sing "The Lord's Prayer."

j-h-c-a 4 minutes \$1.25

MAINE (INF, Color)

The beautiful scenery of Maine, the rugged timberlands and lakes. Covers the important cities and main industries such as lumbering, dairying, textiles, and fishing. Shown also are beaches and other vacation attractions.

i-j-h-c-a 10 minutes \$2.25

MAKE-UP FOR THE THEATER (UC, Color)

Demonstrates step-by-step the application of stage make-up to both the female and male faces. After cleansing, grease paint is applied as a base to the face. The steps are then demonstrated in this order and materials identified: rouge, cycshadow (colored liner), eyebrow pencil including making the wedge, lip rouge, talcum, and brushing the finished make-up. Theater make-up is greatly affected by stage lighting, and this point is made.

j-h-c-a 15 minutes \$3.00

MAKING THEATRICAL WIGS (UC)

Shows the entire process of making a theatrical wig, including the preparation of necessary materials. Also illustrates how a wig is made from yak hair and the preparation of a bald wig.

h-c-a 11 minutes \$1.25

**MARCHING BAND FUNDAMENTALS:
PARTS I AND II (UI, Color)**

Defines and shows mark time, half steps, and right and left flank. Illustrates cadence, column right, diminish front, increase front, and counter march. Also shows marching with instruments and the handling of instruments at play and at carry positions.

j-h-c-a 21 minutes \$3.00

MARINE HYMN (UW)

"From the Halls of Montezuma to the Shores of Tripoli". . . United States Marine Hymn sung against a background of action scenes.

j-h-c-a 3 minutes \$1.25

MARY VISITS POLAND (IFF)

Mary, an American elementary school girl, describes to her class her experiences in visiting her grandparents in Poland. She takes her class into a Polish school, into Polish homes, and into the fields where agricultural activities are seen, and shows them the beautiful customs and colorful dances of the Polish people.

i-j-h-c-a 10 minutes \$1.25

MEXICO (INF, Color)

Historical, geographical, industrial, and scenic highlights of the country.

i-j-h-c-a 10 minutes \$2.25

MOMENTS IN MUSIC

(TFC, Restricted to Classroom Use)

Scenes from Hollywood films are used to represent music brought to us in motion picture theaters. Among the performers are José Iturbi, Lily Pons, Betty Hutton, Nelson Eddy and Jeannette MacDonald, Red Skelton and Betty Garrett, Leopold Stokowski, Xavier Cugat, Risë Stevens, Bing Crosby, Yehudi Menuhin, Harry James, Mario Lanza, Danny Kaye, and Judy Garland.

general 11 minutes \$1.25

MONEY MUDDLERS (OF)

Caught between two rival gangs, only Lou Costello and Bud Abbott could get out alive.

general 10 minutes \$1.25

MOTHER MACK TRAINS HER SEVEN PUPPIES

(F, Color)

At the beginning the seven baby puppies cannot even see and are wholly dependent on the mother Scottie dog. We see them growing older, playing and fighting, learning to take care of themselves. A trip to the beach provides excellent opportunities for training. How to raise a dog and the importance of proper food, care, training, and exercise are brought out.

p-i 11 minutes \$2.25

MOUNT RANIER NATIONAL PARK (AB, Color)

Shows scenes of Mount Ranier National Park and of Mount Ranier itself, and describes its origin in volcanic action. Also shows Yakima Park with glimpses of its wildlife. Pictures Emmons Glacier and Nisqually Glacier, and explains how glaciers affect the terrain they cover.

general 11 minutes \$2.25

MUSEUM OF SCIENCE AND INDUSTRY (AFR)

A record of an excursion through the Museum of Science and Industry in Chicago.

i-j-h-c-a 18 minutes \$2.00

MUSIC IN THE WIND (NFBC)

Shows the building of organs in the workshops of Casavant Freres, St. Hyacinthe, Quebec. Traces the development of the organ from the foot pump and hand-bellows models to present electrically-operated giant pipe organ. Concludes with the playing of Bach's "Toccata and Fugue in D Minor."

j-h-c-a 22 minutes \$2.00

MUSICAL INSTRUMENTS: THE STRINGS (M)

With knowledge and understanding of the stringed instruments will come a greater appreciation of their musical contributions. The film shows the construction of the violin, viola, cello, and double bass, and presents

solo and ensemble performances showing the tonal contributions of each instrument.

i-j 10 minutes \$1.25

MY CHILD IS BLIND (UW)

Shows how a blind child, given patient treatment and proper training at a special nursery school for blind children, can be taught to do many things normal children do.

h-c-a 21 minutes \$2.00

MY NAME IS HAN (RFA)

Han and his little family take the long trek home after the war in China to till again the ancestral soil. Han's wife is a Christian but he is "practical." They arrive to find their home a shambles, their land devastated. He cannot understand the "foolishness" that prompts his Christian friends to leave their own fields to toil in his. As understanding came to Han, so has it come to many.

j-h-a 25 minutes \$3.00

NATURE'S ENGINEERS (WLF, Color)

An object lesson in industry, conservation, and thrift. Shows how beavers build their dams and lodges, raise their young, and train them to move on and build their own communities. Shows how this wild life engineer closes his lips behind his teeth for gnawing, how he uses the strange split third toe on his hind foot. Brief sequences of the beaver's friends and enemies—moose, deer, geese, the rare sand tall crane, the coyote, black bear, and grizzly bear.

general 10 minutes \$2.25

NAVAJO COUNTRY (UM, Color)

A beautiful story of Navajo life as it is related to their pastoral existence. Film begins with general scenes of the people, their homes and their environment. It then shifts to sequences on the technique of Navajo rug and blanket weaving and ends with a series of scenes depicting Navajo silver jewelry.

i-j 10 minutes \$2.25

NEW HAMPSHIRE (INF, Color)

Highlights the history of the state and the origin of its name. Gives an excellent coverage of her natural resources—water power, quarries of granite and vast forests—as well as winter and summer sports and the maple syrup industry.

i-j-h-c-a 10 minutes \$2.25

NEW MEXICO (INF, Color)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes \$2.25

NEW YORK CITY (INF, Color)

The historical, industrial, geographical, and scenic highlights of the city.

i-j-h-c-a 10 minutes \$2.25

NORTH AMERICAN ELK (WLF, Color)

One of the most stirring records of these giant game animals ever produced. An hour old calf's first steps, huge bulls with towering antlers, their amazing speed and grace in all types of terrain. How they feed and migrate down to the plains in countless numbers during the winter season. Matchless photography with superb sound and narration.

general 10 minutes \$2.25

OH MY ACHIN' TOOTH (OF)

You'll scream with laughter as Lou Costello goes from the dentist's chair to the psychiatrist's office.

general 10 minutes \$1.25

OHIO (INF, Color)

The historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes \$2.25

OLD CHIEF'S DANCE (UOK, Color)

A Sioux Indian Chief's own life story, told in dance—recounting of outstanding deeds of valor that have marked the dancer's life. Subtle, dignified and stately, it is an old man's dance, expressive of a richly different culture that now has vanished. It was not regarded as boastful for an Indian thus to tell of his triumphs. Rather, it was his duty as well as his privilege, since it preserved unwritten history and set a pattern of courage and achievement for the younger men to follow.

h-c-a 6 minutes \$2.25

OLD PIONEER, THE (COR)

A rush for gold and the exploits of the old pioneer among the Indians make this a wild western laugh saga.

p 10 minutes \$1.25

ONE WAY TO BUILD A FLAT (CU)

Demonstrates a method of building a stage flat from reference to the blueprint through the covering of the flat with cloth.

h-c-a 15 minutes \$2.00

ONION, THE (IFB)

The onion is used as an example of the life cycle of a plant. Begins with a highly magnified view of the onion seed showing young plant within. The growth process is then shown by means of microphotography and time lapse photography.

j-h-c-a 10 minutes \$1.25

OREGON (INF, Color)

Historical, industrial, geographical, and scenic highlights of the state.

i-j-h-c-a 10 minutes \$2.25

PACIFIC ISLAND (IFF)

Documents the life of the peoples of a typical coral island in the Pacific area, Likiep, one of the Marshall Islands group. One sees the inhabitants of the island practicing the art of navigation, building a boat, basket-weaving, caring for their thatched homes, conducting a fishing expedition, attending school, and at worship. Special high spots in the film are the catching of a giant clam under water by a highly skilled diver, boys hunting turtle eggs, and the exciting hunt and capture of a giant-size turtle. The final sequence permits the viewer to share a birthday feast with the islanders.

i-j-h-c-a 18 minutes \$2.00

PAINT AS YOU PLEASE (UMI)

The development of a modern painting from the original pencil and charcoal sketch to the final rendering. Presents examples of art from the past and present representing the shift from a realistic portrayal of nature to interpretation by means of simple designs and patterns and finally to the non-objective types of painting. The preparatory stages of the final sketch having been completed, the design is transferred to a clean surface and the painting completed.

h-c-a 16 minutes \$2.00

PALOMINO — THE GOLDEN HORSE (EB)

The care and handling of the Palomino horse and the fundamentals of equestrian training.

i-j-h-c-a 11 minutes \$1.25

PANAMA (INF, Color)

Presents the historical background of the country showing the ruins of old Panama and then modern Panama City, largest city and capital of the Republic, an active trading and commercial center. Covers the main industry, cattle raising. Also shows the most important crop, bananas, as well as cacao beans and coconuts. Includes scenes of the Panama Canal.

i-j-h-c-a 10 minutes \$2.25

PIN MOLD (IFB)

Shows the life cycle of a typical fungus emphasizing its development as a growing organism. Time-lapse photography is used with careful mention of the actual time taken, and diagrams illustrate the formation of the resting spore. The following points are covered: mold growth on cheese, apple, and oatmeal; mucor; formation of sporangia; single spore; time-lapse photography of protoplasmic activity; spore germination; plus and minus strains; that the hyphae of the same strain do

not fuse; fusion of plus and minus strains and formation of zygospore with formation of sporangium; maintenance of mold by profusion of spores.

j-h-c-a 10 minutes \$1.25

PINCH ME PLEASE (OF)

Abbott and Costello break every law in the books trying in vain to get arrested so they can escape from the mob.

general 10 minutes \$1.25

PLAYGROUNDS OF FRANCE (FON, Color)

Vacationing on the world-famous French Riviera. The cities of Cannes, Nice, and Monte Carlo are seen. Also shown is Brittany with its sardine fishermen, watching the religious processions. In the French Alps we see dawn breaking over Mont Blanc, Europe's highest mountain.

h-c-a 13 minutes \$3.00

PRESENT FOR SANTA CLAUS (ICS)

Two children decide to buy Santa Claus a Christmas present.

p-i-j 10 minutes \$1.25

PROMENADE ALL — WESTERN SQUARE DANCING (GA)

Includes 18 or more different figures of popular and exhibition squares. Produced with the cooperation of the Folk Dancing Federation of California and its member clubs.

h-c-a 11 minutes \$1.25

RABBIT, THE (IFB)

The rabbit is offered as an example of study of the rodent family, within the larger classification of mammals and vertebrates. The food, skeletal structure, natural habitat, and burrow of the rabbit are described and its characteristic movements and bodily parts are related to its environment. Shown are detailed treatments, aided by animated drawings, of the fresh burrow dug for each new litter, the process of reproduction which takes thirty days to the births, the care which the female takes of the young, and the development of the young as they learn to fend for themselves.

j-h-c 11 minutes \$1.25

RABBIT'S DEVELOPMENT (IFB)

The dissection of a rabbit shows the female reproductive process in detail and the dissection of pregnant rabbits shows the female reproductive system. Animation is used to illustrate the entire reproductive process in detail. Development of the embryo is also shown by animation.

h-c-a 34 minutes \$4.00

RASSLIN' MATCH (OF)

Amos and the Kingfish promote Andy as an opponent for Bull Moose, the rasslin' champ, in an hilarious match.

p-i-j 10 minutes \$1.25

REPORT ON DONALD (UM)

Has been prepared to illustrate the problems of the stutterer and how these difficulties can be analyzed and controlled. Donald Carter, an entering freshman, has a bad speech block and goes to the speech clinic for help. By following his case history at the clinic, we see how he is aided to overcome his handicap and becomes a confident, socially well-adjusted person.

h-c-a 20 minutes \$2.00

RHODE ISLAND (INF, Color)

Covers the historical background of the state and shows the modern textile, granite and woolen industries. Farming and poultry raising are also covered and it is noted that Rhode Island is also a land of pleasure with facilities for swimming, boating and yachting.

i-j-h-c-a 10 minutes \$2.25

RIVER RUN (UW, Color)

Shows that proper management of forests can bring continuing prosperity over the years, benefiting owners, communities, and the nation. Vividly portrayed is the once familiar log drive on the Machias River in Maine.

h-c-a 16 minutes \$3.00

ROAD TO HEALTH AND HAPPINESS (KB)

Stresses diet, rest, safety-first, school nurse, school examination, immunization and tuberculin test, correction of deformed faces and irregular teeth, medical and dental examination; shows an effective way to care for the mouth, teeth and body.

j-h 10 minutes \$1.25

ROCKY MOUNTAINS — CONTINENTAL DIVIDE (AB, Color)

Emphasizes the extent of the Rocky Mountains, shows characteristic geological formations, and points out how the forces of volcanic action, glacial erosion, and running water formed and modified the mountains. Trees, flowers and animals of the Rockies are included.

j-h-c-a 21 minutes \$3.00

SCHOOL RULES: HOW THEY HELP US (C)

Scenes show everyday rules in action on the city street, on the basketball court, and in the school halls. When a boy tries to gain an exception to the library rules, the audience sees by analogy and example that school rules are ways to make life in school smoother and more pleasant, to facilitate fairness and safety for all, and to make it easier for people to get along together.

i-j 10 minutes \$1.25

SCHOOL — THE CHILD'S COMMUNITY, THE (UW)

The many ways a school can encourage children to accept responsibilities and share in the making of

decisions that concern them are pictured by showing student participation in the "community" activities of an elementary school.

c-a 16 minutes \$2.00

SELECTION OF FRUITS AND VEGETABLES (UW, Color)

A demonstration film showing three points for consumers to consider in buying fruits and vegetables.

h-c-a 16 minutes \$3.00

SEMPER PARATUS (UW)

The background for the U.S. Coast Guard marching song. Tells the whole story of the Coastguardsman's training and the job he does.

j-h-c-a 4 minutes \$1.25

SIMPLE CHANGES IN MATTER (C)

By directing young people's attention to the physical and chemical changes seen around them everyday—growth of seedlings, soil erosion, metal expansion, ice melting, leaves changing color, logs decaying and metal rusting—this film shows how to determine through simple experiments the difference between physical and chemical changes.

i-j 11 minutes \$1.25

SIMPLE SLAB METHODS—CRAFTSMANSHIP IN CLAY (IU, Color)

Techniques by which attractive pottery pieces may be made from clay are pictured. An expert potter, working in a ceramic studio, demonstrates simple methods of making slab pieces. As he works, his tools are introduced and their proper use explained. The film not only gives basic information; it also points out that imagination in design and attention to points of fine craftsmanship will produce pottery which affords both pride and pleasure.

i-j-h-c-a 10 minutes \$2.25

SITTING RIGHT (ASF)

The technique of sitting correctly—how to sit down and how to get up. Leg, arm and hand positions are shown. A completely nonacademic approach to the subject of posture which should nevertheless be welcomed by teachers of physical education, guidance, dramatics, and home economics, as well as by sponsors of girls' clubs. Taking advantage of the average girl's desire for something at least approaching Hollywood glamour, it effectively presents a few rules for good posture which are generally shrugged off as just more adult nonsense. Good photography, a sufficient variety of girl models for at least some self-identification, and a pleasantly presented commentary add their appeal for girls from junior high school to college age.

i-j-h 9 minutes \$1.25

SMOKE EATERS (McGH)

Traces the development of fire-fighting techniques from the early bucket brigade days, through the days of the steam pumper and the three horsepower hook-and-ladder, up to modern times when fire-fighting equipment is of the finest. Shows the training of firemen and what happens from the time the first alarm goes into the station to the completion of the job. A typical fire is analyzed and the actions of the firemen are explained. The detection and arrest of a "fire bug" by fire department plain-clothesmen is pictured.

i-j-h-a 17 minutes \$2.00

SNOW RANGER (UW, Color)

Shows how the Snow Ranger, official representative of the Forest Service, works in cooperation with the National Ski Patrol for the enjoyment and safety of thousands of winter-sports enthusiasts. Portrays facilities available on some of the most popular ski areas in the United States, a brief session with a skiing class, and how skiers are safe-guarded from their own possible errors.

p-i-j-h-c-a 15 minutes \$2.00

SOUTH OF THE CLOUDS (RFA)

Two girls from completely different environments meet at the Christian College for Women at Beirut, Lebanon. Najla, beautiful daughter of an aristocratic Moslem family, because of the sheltered life she has led, is at first disdainful of what she deems to be the crudities of the democratic life fostered by the college. Through her associations with Suad, attractive natural leader born of an impoverished Christian family, and through the school program which includes a ministry to the sick and needy, Najla catches a vision of a new way of life and prepares to make a genuine contribution to her country and her people.

h-a 35 minutes \$4.00

SPLITS, SPARES, AND STRIKES (OF)

Championship form is demonstrated by Tillie Taylor, famous woman bowler.

h-c-a 10 minutes \$1.25

SPRINGBOARD DIVING (UC, Color)

An instructional film showing the fundamentals of springboard diving. Detailed illustrations of body position in the air, proper use of feet and arms, standing front dive, the approach and take off from the board, exercises for body control in the air, the swan dive, running front dive, back jump, and common faults.

h-c-a 13 minutes \$3.00

SQUARE DANCE MEDLEY (OF)

Includes the Lady Around the Lady; Duck for the Oyster, Dig for the Clam; and Hinky Dinky Parley Vous.

i-j-h-c-a 10 minutes \$1.25

**STACKING AND FIRING — CRAFTSMANSHIP
IN CLAY (IU, Color)**

Demonstrates the correct stacking of both green and glazed pottery in a small kiln. The potter shows each step in the firing of the pieces. The results of correct and incorrect stacking and firing techniques are clearly shown.

i-j-h-c-a 10 minutes \$2.25

STORY OF A GIRL SCOUT TROOP (GSA)

Shows the early teen-ager and how activities such as Girl Scouting provide healthful fun and help develop self-confidence, initiative, and ability to work with others. Girl Scouts put on a community entertainment supper and folk dance for parents, teachers, and neighbors.

a 15 minutes \$2.00

STORY OF TIME, THE (COR)

An extraordinary and unique film describing the measuring of time through the ages, from the obelisk and sun dial to ultra-modern watches. The film portrays, through models, miniature sets and some animation, a course of events from the beginning of recorded time to the present day.

h-c-a 10 minutes \$1.25

SWIMMING — CRAWL STROKE (UW)

Illustrates the basic principles of the stroke — the arm stroke, the kick, and breathing. Includes slow motion shots under water.

h-c-a 8 minutes \$1.25

SWIMMING FOR BEGINNERS (OF)

Instructing a 10 year old child in the basic fundamentals of swimming, from the conquest of fear to breathing, arm strokes, and co-ordinated deep water swimming.

j-h-c-a 11 minutes \$1.25

SWIMMING — PARTS I, II, III (UW)

Part I. The Beginner: Shows how to breathe properly, to kick, and to float. 6 minutes

Part II. Getting Afloat: Shows how to move along in the water using primary strokes. 5 minutes

Part III. Advanced Strokes: Shows advanced strokes and kicks. 5 minutes

i-j-h-a \$1.25 each

TALE OF TWO TOWNS, A (AGR)

How the people in two towns sought to make their communities better places in which to live. Working together and centering their activities in the schools, they attempt to gain a better life for themselves and their children.

c-a 45 minutes \$4.00

TALL SHIP ON DEEP WATERS (TOM, Color)

The story of a voyage under sail of a crew of school boys and girls in the schooner "Wander Bird." It covers the vicissitudes of a round trip from San Francisco to Hawaii.

i-j-h-a 21 minutes \$3.00

TARGET: TOOTH DECAY (UOK, Color)

Through the use of a compact series of explanatory examples, points out the value of modern dental care with emphasis on sodium fluoride treatment. The opening sequence shows a group of Cleveland County grade school children at play and raises such questions as: Are children so healthy after all? Aren't bad teeth too high a price to pay? What can be done about tooth decay? It then proceeds to answer the questions, suggesting, among other things, concerted community-wide action.

h-c-a 10 minutes \$2.25

TENNIS RHYTHM

(TFC, Restricted to Classroom Use)

Presents Bobby Riggs winning the national tennis championship at Forest Hills. Later, at his tennis school in Chicago, Bobby demonstrates how to make various shots correctly — the group, service, forehand drive, backhand, etc. In regular and slow motion.

h-c-a 9 minutes \$1.25

THAT THE DEAF MAY SPEAK (CFP, Color)

Carol was born deaf years ago. That would have meant that she would have grown up deaf and dumb, shunned for the rest of her life. Thanks to modern techniques, she can lead a happy useful life. Scenes are photographed at the Lexington School for the Deaf, and the film builds to the climax of Carol, Mike, and Bea speaking their first words.

c-a 42 minutes \$5.00

**THROWING (CRAFTSMANSHIP IN CLAY)
(IU, Color)**

Shows how a skilled ceramist shapes various pieces of pottery on a potter's wheel. He demonstrates how the wheel is turned by a foot pedal and how the speed of turning is controlled by the foot movement. A bowl, low flat plate, and a pitcher are formed.

i-j-h-c-a 10 minutes \$2.25

TIN TOP: A COMMUNITY BUILDS (BAY)

Tin Top, a small community in Texas, has taken steps to stop its decay as a community and to revitalize the community's life. This film shows that decay, and the rebuilding process. It graphically portrays the problems of a rural community, and the ways in which one group of people found some of the answers.

c-a 28 minutes \$3.00

TINA, A GIRL OF MEXICO (F, Color)

Mexican family life in the mining town of Tasco. The story centers around Tina, her parents, Rosita and Pablo, and baby brother Juan. Presents the Mexican people with their quiet charm, dignity and graciousness. There is a wealth of detail of home life, trades, the market, and the colorful music and spirit of festival time.

i-j 16 minutes \$3.00

TODAY'S HORSE FARM (F, Color)

Shows a California ranch on which draft horses, mainly Percherons, are raised for show or for doing farm work. A day in the life of the horses shows them being fed, curried, taken out to pasture, and brought back to the barn for the night.

p-i 11 minutes \$2.25

TRADITIONAL ENGLAND (FON, Color)

Places famous in history, literature and legend. Shows the Shakespeare and Lorna Doone countries; Tintagel, Glastonbury, and York, with its memories of King Arthur; Joseph of Arimathea, the Romans, Westminster Abby, the Tower of London, and many of the fine old English traditions.

h-c-a 13 minutes \$3.00

TRAFFIC WITH THE DEVIL

(TFC, Restricted to Classroom Use)

An analysis of the causes of traffic casualties.

general 20 minutes \$2.00

TRAINING AIDS: CLASSROOM UTILIZATION

(JH)

A Navy instructor prepares ahead of time for classroom teaching of the 40 mm. anti-aircraft gun. He writes objectives on the chalkboard and makes sure that the room is at a comfortable temperature and that possibly distracting visual material is covered until needed. When the class has assembled, he uses previously prepared charts, a working model, and a real 40 mm. gun as devices to enhance the lesson.

e-a 15 minutes \$2.00

TRUE GLORY (IFB)

A 1945 Academy Award winner. This is the official film document of the European phase of World War II.

h-c-a 84 minutes \$8.00

TWO DECADES OF HISTORY

(TFC, Restricted to Classroom Use)

A newsreel history of the years 1927 to 1947; the famous names and events of a dramatic era are shown.

general 20 minutes \$2.00

TWO LITTLE PUPS (COR)

The hen is led a merry chase by the rollicking pups, and contributes her "peck of fun."

p 10 minutes \$1.25

UNDERSTANDING A MAP (YA)

Models and animation are combined to show what a map is and how we learn to read it. Discusses map scale, political, pictorial, and many other kinds of maps.

i-j 10 minutes \$1.25

UNESCO (UW)

Pictorial account of the UNESCO Conference in Paris. Shows the representatives touring the city as well as the Conference meetings.

j-h-e-a 11 minutes \$1.25

UNITED STATES (IFB)

Made by the British Army film unit for the purpose of presenting the U.S.A. to the armed forces of Britain, this is a valuable film for American history classes. Traces the history of the U.S. from landing of the pilgrims on Plymouth Rock to the present. Shows American traditions and characteristics.

h-c-a 45 minutes \$4.00

UTAH (INF, Color)

Emphasis on Salt Lake City and industries of the state — dairying, ranching, salt and copper mining.

i-j-h-c-a 10 minutes \$2.25

VEGETABLE INSECTS (IFB, Color)

A study of several vegetable insects together with measures for their control. Among the garden pests shown are the potato beetles, caterpillars, aphids, cutworms, squash bugs, corn ear worms and root maggots. Close-up shots reveal not only their eating habits but also their striking color and markings. In each case, the characteristics that make the insect destructive and those that render it vulnerable are emphasized.

i-j-h-c-a 20 minutes \$3.00

VERMONT (INF, Color)

Covers Vermont's quarries, the world's leading source of marble and granite and the maple sugar and dairy industries.

i-j-h-c-a 10 minutes \$2.25

WASHINGTON STATE (INF, Color)

The historical, industrial, geographical and scenic highlights of the state.

i-j-h-e-a 10 minutes \$2.25

WE PLAN TOGETHER (TC)

Prepared to help teachers-in-preparation and teachers-in-service, as well as interested students, gain a better understanding of the process of cooperative planning in education. It shows an eleventh grade group planning cooperatively for learning in their core class over a period of several months.

h-c-a 20 minutes \$2.00

WET MOUNTING PICTORIAL MATERIALS (IU, Color)

Demonstrates the step-by-step process of wet mounting materials on a cloth backing, using wheat paste. Suggests appropriate subject matter areas and indicates several methods of displaying completed mountings.

j-h-c-a 11 minutes \$2.25

WHITE CONTINENT (BIS, Color)

This is the first stage of the co-operative Norwegian — British — Swedish expedition to Queen Maud Land during 1949-1952; the first truly international antarctic expedition, with the nations each sending men and sharing the cost. Excellent color photography lends interest to this absorbing account of the departure from Europe in the Norwegian sealer "Norsel," its encounter with heavy weather, the transfer of cargo from the "Thorshovdi" to the "Norsel," the "Norsel's" voyage through iceberg-laden sea and pack ice until it reaches its final destination. A camp base is established and the "Norsel" steams off, leaving 15 men at the base which will be their home for two years.

j-h-c-a 20 minutes \$3.00

WHO ARE THE PEOPLE OF AMERICA? (C)

A simple, dignified film built around the theme that the people of America are the peoples of the world, who have come here at many different times and for many reasons and have become fused, through common interests and experiences, into a new people—the people of America.

j-h-c-a 11 minutes \$1.25

WILL FOR PEACE (UW)

Comparison between World War II activities of this country and those of Russia; how the U.S. worked toward peace through the U.N., U.N.R.R.A., the Marshall Plan, etc., while Russia concentrated on the production of war equipment and the maintenance of a large military organization.

h-c-a 38 minutes \$4.00

WILLIAM PRIMROSE — MUSIC OF THE MASTERS (PF)

Plays Beethoven's "Polonaise," Schubert's "Ave Maria," Paganini's "Caprica."

j-h-a 10 minutes \$1.25

WITH THESE WEAPONS (ASH)

Uses documentary and dramatic techniques to tell, briefly and effectively, about syphilis and its relation to personal, family and community health. Includes penicillin therapy.

c-a 12 minutes \$2.00

WYOMING (INF, Color)

The oil fields and vast expanses of timber, plains and grasslands. Also the most important cities, including Casper, the second largest city and the center of the state's great oil industry. Also includes Yellowstone National Park.

i-j-h-c-a 10 minutes \$2.25

YOU CAN'T RUN AWAY

(TFC, Restricted to Classroom Use)

An excerpt from Faulkner's "Intruder in the Dust"—a boy's fight to win justice for a negro friend.

general 30 minutes \$3.00

YOUR CHILDREN'S PLAY (McGH)

How children learn through play. Importance of constructive and intelligent parent attitude towards children's play.

c-a 21 minutes \$2.00

FILMS RECEIVED TOO LATE TO CLASSIFY OR DESCRIBE

- A Plus B Squared
 Abe Lincoln of Ninth Avenue, The
 Abstract in Concrete
 Across the Plains
 Air Masses and Fronts
 Alice in Wonderland
 An American Miracle
 Analytical Techniques in Counseling
 Approach, The
 Art Treasures from the Vienna Collection
 Atomic Pile Revealed
 Atoms at Work
 Attracting Birds in Winter
 Babes in the Woods
 Backfire
 Battle of the Beetles
 Beethoven
 Belgium
 Better Breed
 Billion Dollar Malady
 Birth of a Butterfly
 Block Cutting and Printing
 Bon Bon Parade
 Boogie-Doodle
 Bored of Education
 Borodin
 Bouncing Molecules
 Bowling Fundamentals
 Bows and Arrows
 Bringing Up Your Puppy
 Bus Operation: Operator and His Job
 Bus Operation: Operator and His Passengers
 Bus Operation: Operator and Safety
 Cash In on Corn
 Chess Fundamentals
 Chicago
 Chicago Natural History Museum and the Chicago
 Academy of Science
 Child and His Thumb, The
 Child at Play
 Chile
 Christ Is Born
 Churches and Cathedrals
 Cold Front
 Colonial Philadelphia
 Colonial Printer
 Constructive Chemistry
 Counselor's Day
 Cradle of Religion
 Denmark
 Don't Blame It on the Oven
 Dragons and Damsels
 Egypt
 Elizabethan England
 England
 Ever Since Eden
 Fabricating the Western Pine
 Fight for Honest Ballots
 Finger Painting Techniques
 First Lessons
 Fouls and Violations in Women's Basketball
 Four Steps Forward
 Freedom and Power
 Geological Work in Illinois
 Georgian Backgrounds
 Germany
 Greece
 Guiding Star
 Happy Locomotive, The
 Hawaii
 Hints of the Past: Chaplin
 Holland
 How to Prepare a Speech
 Human Grace
 Ichabod
 In Black and White
 India
 Indians of the Plains
 Italy
 Jimmy Didn't Listen
 Last of the Mohicans
 Lifeline of the British Empire
 London
 Lost River
 Love of Books
 Making That Sale
 Massachusetts
 Medieval England
 Meet the Sioux Indian
 Mexico Valley
 Miracle of Corn Growth
 Miracle of Moss
 Monarch Butterfly Story
 Money to Loan
 More Life in Living

National Folk Festivals
 Neighbors of the Land
 New Jersey
 Norway

Old Man Possum
 On Guard
 One Way to School
 Oriental Institute
 Our Invisible Committee

Parallel Lines
 Physics Series: Carnot Cycle
 Physics Series: Diesel Engine
 Physics Series: Dopplers Effect
 Physics Series: Gasoline Engine
 Physics Series: Longitudinal Waves, Part I (Reflection
 of a Longitudinal Pulse)
 Physics Series: Measurement of the Speed of Light
 Physics Series: Progressive Waves, Transverse and
 Longitudinal
 Physics Series: Simple Harmonic Motion
 Physics Series: Stationary Longitudinal Waves, Part II
 (Wave Patterns)
 Physics Series: Stationary Transverse Waves
 Physics Series: Uniform Circular Motion
 Pilgrim and Puritan Live
 Plan to Live
 Portugal
 Posture Pals
 Prairie, The
 Preapproach, The
 Prejudice
 Presidential Year
 Prison Town
 Prospecting
 Protective Nature
 Public Life of Abraham Lincoln
 Puerto Rico
 Rancho Life
 Right at the Start
 Robin Hood

Roll Wagons Roll
 Romantic Italy

Safari
 Scout Weapon
 Second Childhood
 Second Hungarian Rhapsody
 Sow and Sow
 Spain
 Spanky
 Speed-A-Way
 Story of the Metronome
 Story of the U.N. Postage Stamps
 Study of Twins
 Sweden
 Switzerland

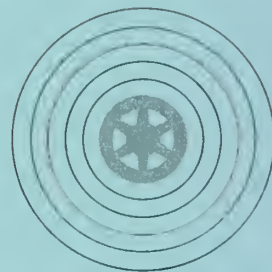
Teacher's Beau
 Three Little Bruins Go Camping
 Time — Servant to Man
 T-Men of the Treasury
 Tomboy
 Toyland
 Tulsa
 Tumbling for Physical Fitness: Companion Stunts
 Tumbling for Physical Fitness: Individual Stunts
 Two to Young

Un Porte de Commerce
 Uses of Ammonia

Why of Automobile Lubrication, The
 Wings over Latin America
 Winky the Watchman
 Witch Doctor
 Wonders in the Wood
 World Affairs Are Your Affairs

You Are the Switchman
 Young Mother Hubbard
 Your Children's Play
 Your Mining Industry
 Youth Looks Ahead

Description of Silent Films



FOR FEES, RULES,
AND SUGGESTIONS
SEE PAGES 7-12

ABC OF POTTERY MAKING (BFS)

Excellent film showing some of the common tools used, thorough wedging of the clay, and rolling the coils. Detailed demonstrations of forming the base, applying the coils, blending one coil into another, shaping on the potter's wheel, and smoothing with wet sponge.

i-j-h-c 11 minutes \$1.25

ABOUT BANANAS (UFC)

Depicts the cultivation of bananas in Central America and the West Indies, and the preparation of the crops for shipment. It is adapted to use in geography classes, as it shows scenes of native life.

i-j-h 15 minutes \$1.25

ACTIVITIES OF DIAGNOSTIC LABORATORIES (USDS)

Illustrates the activities which are carried on in the laboratory of the Illinois State Department of Public Health. Examining dog's head for rabies; making tests for diseases; collecting blood serum for convalescents for use in the treatment of infantile paralysis. Shows importance of laboratories in the control of disease.

i-c 15 minutes \$1.25

ADOLF DEHN'S TECHNIQUE IN WATER COLOR (H, Color)

Illustrates the complete process of creating a water color of an American scene.

j-h-c-a 30 minutes \$2.25

AIRPLANE SHEET METAL WORK (WG)

Shows some of the basic training projects students undertake to qualify them for this exacting work which is blueprint reading and drafting procedure.

h-c 20 minutes \$1.25

AIRPLANE WELDING (LF)

Covers the process of oxygen-acetylene welding in aviation mechanics.

c-a 20 minutes \$1.25

ALICE IN WONDERLAND (Castle)

Alice goes through the looking glass into a world of fantasy. She watches the characters dance, then dances with the king of the cards. She is crowned queen.

general 11 minutes \$1.25

AMERICA'S POLAR TRIUMPH (FOC)

This is the complete and official motion picture record of the first flight over the North Pole made by Commander Byrd. All of the steps in this perilous and

adventurous journey are shown including the difficulties in getting the big Fokker plane across the ice floes of King's Bay; preparation at Spitzbergen, the base of supplies; visits from the Norge with Amundsen and Ellsworth aboard; and their greeting after Byrd's plane had successfully circled the pole.

j-h-c 30 minutes \$1.25

ANTS (DEV)

A film showing some of the interesting facts about the eggs, larva, pupa, and work of ants.

p-i 7 minutes \$1.25

ANTS, NATURE'S CRAFTSMEN (FOC)

More advanced film than the one above for older students.

i-j-h 15 minutes \$1.25

ARCHERY WITH LARRY HUGHES (BFS)

An interesting and instructive picturization of proper bow and arrow technique as demonstrated by Larry Hughes, Men's International Target Archery Champion. Endorsed by the American Association of Health, Physical Education, and Recreation.

i-j-h-c 6 minutes \$1.25

ARID SOUTHWEST, THE (EB)

Depicts the world location of hot deserts—effects of wind and erosion in the Arizona Desert—desert plants and animals—nomadic life of the Navajo.

i-j-h-c 15 minutes \$1.25

ATMOSPHERIC PRESSURE (EB)

Illustrations of unbalanced air pressure, including the well-known Magdeburg Hemisphere demonstration. Atmospheric variations in pressure between valley and hilltop, and between land and water, are clearly presented.

j-h-c 15 minutes \$1.25

AUTOMOBILE (EB)

By tracing production and use of iron, rubber, glass and gasoline in the automobile, the film presents a striking picture of the interdependence of industries.

j-h-c 15 minutes \$1.25

BABIES, BATHS, AND BUBBLES (V)

The technique of bathing the baby. What to do—how to hold the baby and how to wash him. What it is necessary to know in bathing the baby.

h-c-a 10 minutes \$1.25

BABY BEAVERS (EB)

This is a short reel with simple titles for small children. Baby beavers swim with their mother and try to climb on her back. The babies comb their fur

with their paws, play in the sunshine, scamper to the near-by stream. The most adventurous climb over a dam; the rest swim and dive with their mother.

p-i 5 minutes \$1.25

BABY SONGBIRDS AT MEALTIME (FOG)

A delightful little nature study which deals almost entirely with little songbirds and their eating habits. It shows many fascinating pictures of parent birds feeding their nestlings. Some of the birds treated in this film are sparrows, linnets, canaries, bullfinch, titmice, the long-tailed tomtit, European warbler and the marsh wren.

p-i 15 minutes \$1.25

BACTERIA (EB)

A culture medium is made, and bacteria from vinegar, water, rich earth, and dust are carefully grown, and subsequently stained and examined.

j-h-c 12 minutes \$1.25

BALBOA (HOP)

This is a shadow-graph film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes \$1.25

BALI (Castle)

Tells of the location and topography of Bali; shows scenes of elaborately carved temples. Rice, the staple food, is shown being cultivated and threshed by women. Shows the customs of trade among the natives in the village market square.

h-c-a 15 minutes \$1.25

BEAVERS (EB)

These busy workers repair a break in a dam, then take time out for lunch. Views of trees which they have cut down, beaver-made canals, the storage of food, beaver homes, and baby beavers at different ages, make a most interesting and instructive film.

p-i-j 11 minutes \$1.25

BEHAVIOR OF LIGHT, THE (EB)

Presents the ideas of transmission, shadows, and eclipses. Explains the formation of images in plane, convex, and concave mirrors. Demonstrates the cause of refraction. Illustrates dispersion, color, and the rainbow.

j-h-c 15 minutes \$1.25

BEHIND THE CUP (CHU)

Gives the complete story of coffee from tree to cup: planting the seeds; growing the trees; picking the berries; blending, roasting; grinding and packing.

i-j-h 30 minutes \$1.25

BENJAMIN FRANKLIN (DEV)

This film reproduces some scenes from the life of Franklin. Produced circa 1920.

p-i 15 minutes \$1.25

BETWEEN THE LINES (HEB)

This film deals entirely with children in an elementary class and with the single subject of crossing between the white lines at an intersection. As the result of one small girl's being struck by a car while trying to cross the street in the middle of a block, the other children of her class become interested in safety. She explains to them how the accident happened. The children themselves decide that what is needed is a set of lines marking a cross walk at the intersection. They write to the mayor of the city requesting the lines. The mayor visits the classroom, where the children show him their table model and their suggestion for the cross walk. At the mayor's request, the lines are painted, and the film closes with sequences showing the children, grown-ups, the postman, workmen and others using the painted cross walk. The girl who had been in the accident goes to the curb, looks both ways, then crosses "Between the Lines."

p-i 12 minutes \$1.25

BIRD HOMES (E)

Shows the beach and marsh homes of the least tern, killdeer, stilt, gull, pied-billed grebe, etc.—the meadow homes of the bobolink, spotted sandpiper, horned lark, meadow lark and burrowing owl—the skyscraper homes of cormorants, puffins, duck hawks, flickers, etc.—and the homes of birds which build near the ground, such as the cuckoo, wood thrush, yellow warbler, redstarts, and humming bird.

i-j-h 15 minutes \$1.25

BIRDS OF NORTH AMERICA — PART I (HNP, Color)

This is a masterful portrayal of wild bird life showing in authentic colors the birds at their useful work, marks of identification, economic value, construction and location of their nests, the eggs, and the care and feeding of young. Birds shown are the spotted sandpiper, killdeer, mourning dove, yellow-billed cuckoo, black-billed cuckoo, downy woodpecker, northern flicker, prairie horned lark, purple martin, and barn swallow.

j-h-c 15 minutes \$2.25

BIRDS OF NORTH AMERICA — PART II (HNP, Color)

This is a masterful portrayal of wild bird life showing in authentic colors the birds at their useful work, marks of identification, economic value, construction and location of their nests, the eggs, and the care and feeding of young. Some birds shown are the tufted titmouse, black-capped chickadee, white-breasted nuthatch, eastern house wren, catbird, brown thrasher, eastern robin, wood thrush, eastern bluebird, and cedar waxwing.

j-h-c 15 minutes \$2.25

BIRDS OF NORTH AMERICA — PART III (HNP, Color)

This is a masterful portrayal of wild bird life showing in authentic colors the birds at their useful work, marks of identification, economic value, construction and location of their nests, the eggs, and the care and feeding of young. Birds shown are the red-eyed vireo, black and white warbler, Louisiana water thrush, black-throated green warbler, American redstart, yellow warbler, myrtle warbler, Kentucky warbler, eastern cowbird, and Baltimore oriole.

j-h-c 15 minutes \$2.25

BIRDS OF NORTH AMERICA — PART IV (HNP, Color)

This is a masterful portrayal of wild bird life showing in authentic colors the birds at their useful work, marks of identification, economic value, construction and location of their nests, the eggs, and the care and feeding of young. Birds shown are the ring-necked pheasant, bobwhite, broad-winged hawk, eastern sparrow hawk, eastern screech owl, saw-whet owl, eastern hairy woodpecker, red-bellied woodpecker, and yellow-bellied sapsucker.

i-j-h-c 15 minutes \$2.25

BIRDS OF NORTH AMERICA — PART V (HNP, Color)

This is a masterful portrayal of wild bird life showing in authentic colors the birds at their useful work, marks of identification, economic value, construction and location of their nests, the eggs, and the care and feeding of young. Birds shown are the ruby-throated hummingbird — flight, ruby-throated hummingbird — nesting, eastern phoebe, crested flycatcher and northern cliff swallow.

i-j-h-c 15 minutes \$2.25

BIT OF LIFE IN JAVA (FOC)

In the far-off Malay Archipelago, lies Java with her backbone of volcanic mountains and her fertile valleys that hold relics of a day when she was an Indian

colony. The finest of these is the Buddhist ruin of Borobudur, carved and arched in ancient manner. Now Java is a Dutch dependency, thickly populated and with many thick-walled cities. Her people are a Mongolian mixture, whose dress, cleanly habits and transportation and marketing facilities are shown in this picture.

i-j-h 15 minutes \$1.25

BLOOD (E)

Illustrates the separation of plasma from blood cells, protein and salts from plasma — staining cells — counting red blood corpuscles — how white blood cells reach the body tissue — clotting of blood.

j-h-c 12 minutes \$1.25

BLOOMING DESERT (SM, Color)

Just a little rain on the deserts of our Southwest will encourage the growth of many unusual plants and the appearance of beautiful flowers of cacti, poppies, verbenas and primrose whose brilliant color is almost beyond belief.

j-h-c 15 minutes \$2.25

BOATS AND FISHERMEN OF THE TROPICS (FOC)

Shows the different types of boats used by the Fiji Islanders, including the sailing of outrigger canoes, the use of kayaks, and umiaks, or "women boats"; the primitive but efficient methods of fish-spearing and net fishing practiced by groups in the Fiji Islands.

i-j-h 15 minutes \$1.25

BODY FRAMEWORK (EB)

Shows how the skeleton determines shape and size of the body, and how it protects the vital organs. Demonstrates details of bone structure and composition, changes during growth, mending of a fractured bone, relation of sunlight and cod-liver oil to bone development and joint action.

i-c 15 minutes \$1.25

BOLIVIA (EB)

Indicates the progress made in developing the resources of Bolivia in spite of conditions that render travel and communication difficult. The units are: (1) Physical Features; (2) Rural Life; (3) Mines and Cities. An animated map and actual photography emphasize the major geographical regions, point out main travel routes, and indicate mining districts. Life on the yungas, a mining town, and the city of La Paz are shown.

j-h-c 15 minutes \$1.25

BOONE TRAIL (EB)

Visualizes, with maps and photography, the Appalachian Valley: prosperous farm lands and minerals, forests, and primitive life at a mountaineer's cabin; the Bluegrass region of Kentucky—tobacco and hemp crops, dairy cattle, champion horses.

j-h 15 minutes \$1.25

BOWLING ACES (UW)

Watch the topnotch bowlers in action. They have perfect form from the first step through the time that the ball smacks down the pins. Close-ups and slow motion photography reveal the finer points of bowling. As an added feature the expert demonstrates several trick shots.

j-h-c 16 minutes \$1.25

BRAZIL I (EB)

Amazonian Lowlands—Locate the immense drainage basin of the Amazon River. Shows the wildlife, native Indians, jungle products—Brazil nuts and wild rubber—and the cities of Manaus, Santarem, Belem (Para).

i-j-h 15 minutes \$1.25

BRE'R RABBIT AND HIS PALS (FOC)

This is an intimate study of animals that come under the classification of rodents. It deals with rabbits, squirrels, prairie dogs, woodchucks, mice, jerboas, and marmots. This film not only shows a close-up working skeleton of the jaws that distinguish this class of animals, but also shows in detail the fascinating story of hibernation.

p-i 15 minutes \$1.25

CAMERA MAGIC (Castle)

Camera stunts—such as “headless” woman, human fly, reverse action, etc.

j-h 15 minutes \$1.25

CANADIAN ROCKIES (SM, Color)

Scenes from Lake Louise, Mt. Victoria, Moraine Lake and views along the highway past Bow Lake, Bow Glacier, Sunwahta Falls to Jasper make up this colorful film journey.

j-h-c 15 minutes \$2.25

CARBON-OXYGEN CYCLE (EB)

Presents use of carbon in fuel and food, and the function of oxygen in releasing energy and carbon dioxide. The energy cycle is involved, hence, this picture forms a natural sequence to such films as “Energy from Sunlight” and “The Green Plant.”

j-h-c 15 minutes \$1.25

CARE OF THE TEETH (EB)

A film that records, by labeled radiographs, animated drawings, and actual photography, the parts of a tooth, prophylactic treatment, the progress of decay, the effects on the teeth of bad habits and disease, and the rules for systematic home care and brushing of teeth.

i-j-h 15 minutes \$1.25

CELL DIVISION (WI)

Was made by photographing the dividing cells of the fibroblasts of a rat. The formation of the spireme by the chromatin of the nuclei; the organization of the chromosomes at the equator of the nuclear spindle; the separation of the chromosomes and their migration to the poles of the spindle; the two resulting nuclei; the division of the cytoplasm and the two resulting cells from each fibroblast are very strikingly shown. This film is especially worth while to students of biology.

h-c 15 minutes \$1.25

CHAMPIONSHIP BASKETBALL (BFS)

Nat Holman, head basketball coach of the College of the City of New York, here explains modern basketball, and by use of slow motion, close-up shots, and animation shows the details of the many plays used in this great sport.

i-j-h-c 11 minutes \$1.25

CHAMPLAIN (HOP)

This is a shadow-graph film made by a system developed by M. C. Morrison, co-author of “Films in the Classroom” and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes \$1.25

CHANGES IN GROUP ATMOSPHERE (UIO)

This is one of a series of four reels which gives typical examples of child behavior under experimentally controlled conditions. Each film may be used separately or in different combinations. All four were made under the direction of Dr. Kurt Lewin. Some were made in Germany and the others at the University of Iowa. These films are intended for use in psychology classes and other groups studying basic child behavior. No study guides are available so these films should be used by experts familiar with the child psychology.

Other titles in this series are The Child and Field Forces, Field Forces as Impediments to Performance, and Social Climate of Groups.

c 15 minutes \$1.25

CHEMICAL EFFECTS OF ELECTRICITY (EB)

The action of two electrodes in an electrolyte is traced from crude beginnings by Volta, through modern battery manufacture and use, electrolysis, electroplating, and electrotyping, to the metallurgy of copper and aluminum.

j-h-c 15 minutes \$1.25

CHILD AND FIELD FORCES, THE (UIO)

This is one of a series of four reels on child behavior. For description see Changes in Group Atmosphere.

c 15 minutes \$1.25

CHILDREN'S AIRPORT EXCURSION (PP)

Forty-two children emerge from a modern school bus at an airport, and thrill at: fantastic looking radio equipment; typewriters that run themselves; airmail delivery methods; radiophone communication; planes taking off, and planes landing; huge hangars, and in them huge planes equipped with a maze of instruments.

p-i 15 minutes \$1.25

CHIMP, THE AVIATOR (Castle)

Chimp performs gymnastics in mid-air.

p-i-j 15 minutes \$1.25

CHIMP'S JAMBOREE (Castle)

Chimp visits a big amusement park, tries the thrill rides, judges a bathing beauty contest and rescues a woman from the top car of a towering Ferris wheel.

p-i 15 minutes \$1.25

CHIMP'S VACATION (Castle)

Chimp goes to Florida for health and fun and gets plenty of both in a mischief-filled movie. He makes merry with coconuts, a bicycle, a turtle and a little girl. The story ends in a riot of fun, with a cloud of feathers and a vacuum cleaner.

p-i 15 minutes \$1.25

CHRISTMAS TOY SHOP (C)

Combines live photography with animated cartoons in a Christmas eve story. The children go to sleep and dream that Santa falls down the chimney and wakes them up, then tells them about the wonderful toyland shop where the toys come to life.

p-i 15 minutes \$1.50
(one day only)

CIRCULATION (EB)

Animations and photography trace the human circulatory system; compare the human heart with that of a frog; and show the cycle of pulmonary circulation.

i-c 15 minutes \$1.25

CLEANLINESS — CLEAN FACE AND HANDS (EB)

A white rat cleans its paws. Scenes show an approved method of washing the hands, and hand-washing at school. A cat cleans her own face, and then her kittens'. A boy prepares himself for supper after outdoor play. A class is inspected for cleanliness.

p-i 7 minutes \$1.25

COFFEE (EB)

Gives the story of coffee grown in South America, which is typical of the industry everywhere. Presents sidelights on Colombia. The film units are (1) Coffee Growing; (2) Hulling and Cleaning; (3) Shipping Coffee; (4) Preparing Coffee for Market.

j-h-c 15 minutes \$1.25

COLUMBUS AND THE DISCOVERY OF AMERICA (HOP)

This is a shadow-graf film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 8 minutes \$1.25

COMPRESSED AIR (EB)

Enumerates the principles underlying the compression of air, and its practical applications to the Bessemer converter, railway air brakes, air driven tools, and the fire engine.

j-c 15 minutes \$1.25

CONTEMPORARY DANCE (PE, Color)

Part I: Reel 1: American dancers and choreographers including Louis Horst, Doris Humphrey, Charles Weidman, Hanya Holm, Jose Limon, Harriette Anne Gray and Perry-Mansfield students.

Part II: Reel 2: Young American dancers including Robin Gregory, Allegra Fuller, Harriette Anne Gray, Eleanor King, Valerie Bettis and students, and Iris Mabry, in "Cult" and "Witch Dance."

h-c-a 30 minutes \$4.00

CONTINENT OF SOUTH AMERICA (EB)

Shows the position of South America on the globe, the main natural regions of the continent, their relation

to each other, and the physical, biological, and social features of each. It locates and describes the Andes, Pacific slope, Brazilian Highlands, La Plata Basin, Guiana Highlands, Orinoco Basin, and Amazon Basin.

j-h 15 minutes \$1.25

CONTROL OF WORMS IN HOGS (USDA)

Shows methods of control of various injurious hog parasites—thornheaded worms, nodular worms, stomach worms, roundworms, lungworms and kidney worms.

h-c 30 minutes \$1.25

CORN (EB)

Shows methods of planting, cultivating, and harvesting corn—the corn borer and ways of fighting it—husking and shelling—manufacture of corn flakes and corn starch.

j-h-c 15 minutes \$1.25

CORTEZ (HOP)

This is a shadow-graph film made by a system developed by M. C. Morrison, co-author of "Films in the Classroom" and a noted authority on Visual Education. The casts are entirely made up of fourth and fifth grade students.

i 15 minutes \$1.25

COTTON: FROM SEED TO CLOTH (NMC)

Shows cotton growing regions of the world. The cotton growing in the Southern states, ginning, transportation to New England, manufacture into cloth and blankets, animations and color photography show for the first time the details of spinning and weaving of cotton textiles and blankets. Produced by Pathe in cooperation with Harvard University.

i-j-h 30 minutes \$1.25

COWBOY SQUARES AND AMERICAN INDIANS (PE, Color)

Part I: "Hold Your Hols and Swing Like Thunder," "Take a Little Peck," "Varsoviana," "Fireman's Dance," "Cielito Lindo," etc.; Mildred Dickinson directing.

Part II: American Indians of the Southwest; Zuni Indians join Acomas for their Harvest Dance, Tesuque Eagle Dance, San Ildefonso Harvest Dance, San Juan Rain Dance, Taos War Dance, Santa Clara Rain Basket Dance, Cochiti Parrot Dance, and the Santa Fe Fiesta.

h-c-a 30 minutes \$4.00

CYCLE OF EROSION (FOC)

This film presents a study of erosion for both small streams and broad regions. It depicts the development

of valleys through the stages of youth, maturity and old age. Some carefully selected landscapes are pictured and classified so as to assist students in their own observations.

j-h-c 15 minutes \$1.25

DANIEL WEBSTER (DEV)

Scenes depicting the boyhood of Webster and Webster in Congress. The Capitol at Washington, Washington Monument, Statue of Liberty, and the Senate chamber are shown. Produced circa 1920.

p-i 15 minutes \$1.25

DEATH VALLEY (GDH)

All the worth-while sights of Death Valley are summed up in this delightful reel—from Bad Water, in the lower end of the Valley, to Ubehebe Crater in the north, Golden Canyon and the parched, wrinkled hills of the vicinity—Furnace Creek Ranch, formerly called Greenland—the old borax mill—the rattlesnake—a "desert rat" and his "desert canaries"—Devil's Golf Course—and of course, a glimpse of the old 20-mule-team wagons and "Death Valley" Scotty's million-dollar-castle.

i-j-h 15 minutes \$1.25

DECORATIVE METAL WORK (GAF)

Articles made of different metals are shown, and then a detailed filming of each step in this interesting process from the sketching of the design to the final polishing of the completed piece.

j-h-c 15 minutes \$1.25

DIPHThERIA (EB)

A diphtheritic throat is compared with a normal one—the complete preparation and use of antitoxin are demonstrated—methods of modern diphtheria control and of preventing the disease by the administration of toxin-antitoxin are shown.

i-c 15 minutes \$1.25

DO YOU WALK SAFELY? (EB)

A film for primary grades about pedestrian safety. It is designed for use by individual classes rather than assembly groups. John, the main character of the film, encounters many situations while walking home from school. After each problem, the question is asked, "What would you do?" The second half of the film, which shows what John did, emphasizes the correct procedures.

p 14 minutes \$1.25

DRINKING HEALTH (FOC)

Shows how nature provides for quenching our thirst, the great government enterprises established to supply

us with pure drinking water and the needs and uses of drinking water by the body. Dangers of contamination from unclean drinking vessels are shown with suggestions of medical authority as to how to avoid them. Vividly illustrated by action scenes and microscopic photography. Produced by Pathe in cooperation with Harvard University.

i-j-h 30 minutes \$1.25

DUTCH TULIP GIRL (FOC)

Tom, a little American boy, falls asleep and dreams that he is wandering through Holland with Katrina, a little Dutch girl who wears the lace cap, full skirt, and the wooden shoes of her native village of Vollen-dam. Katrina shows Tom the Hague, the art of tree clipping in Aalsmeer, the town of Leiden, the Isle of Marken and the famous tulip and cheese industries of the Netherlands. She shows him how Dutch children live and play, what their schools are like and explains why dikes have to be built in Holland.

p-i 15 minutes \$1.25

EARLY PLAY (EB)

Stresses the importance of determining each young-ster's preferences in play and play objects. Illustrates the simple play situations enjoyed by most children at different ages.

j-h-c-a 15 minutes \$1.25

EARTHQUAKES (FOC)

A study of the nature, causes, and effects of earth- quakes, with special reference to the methods of re- cording and interpreting seismic phenomena. Extensive use is made of animated drawings to explain the origin and differentiate between volcanic and tectonic earthquakes. Seismographs are shown in operation and their mechanism is carefully explained.

i-j-h 15 minutes \$1.25

EAST INDIAN ISLAND (EB)

Locates the Island of Bali and shows Balinese moun- tains, rice culture, native housebuilding, pottery, weav- ing, trading — natives hulling coconuts, working on festival decorations, preparing a feast — marriage and funeral ceremonies.

i-j-h 15 minutes \$1.25

EDUCATED FEET (BFS)

Illustrates proper and graceful habits of sitting, standing, walking, and playing; to improve and cor- rect postural defects in elementary school children and to make them posture-conscious; and to stimulate the interest of teachers and parents in organizing and

carrying out a sane and well-balanced physical educa- tion program in the schools.

i-j-h-c 15 minutes \$1.25

EGYPT (FOC)

Shows the ancient methods of agriculture and the primitive forms of civilization in Egypt. A trip from Cairo to Luxor reveals the life on the Nile river. One sees the markets, tailor shops, and itinerant barbers.

j-h 15 minutes \$1.25

ELEMENTARY BOOKBINDING (GAF)

A number of books with attractive bindings are seen first. Paper, vellum buckram, linen and leather samples are shown. Paper for the cover of the book we now see made is decorated by finger painting. A detailed process filming follows. End sheets are pasted and book is inserted in its covers.

j-h-c 15 minutes \$1.25

ELEMENTARY MANUAL TRAINING (BF)

A gift box is displayed, and then a table is seen covered with various samples of this sort of work. The working plan indicates lumber or stock required. An instructor supervises a youngster making a gift box.

j-h-c 15 minutes \$1.25

ENERGY FROM SUNLIGHT (EB)

Explains the principle of a solar engine; pictures the energy of falling water, sunlight, and wind power; shows how energy from sunlight stimulates plant growth, and is stored for future use in the form of wood and coal.

i-c 15 minutes \$1.25

EVERYBODY'S BUSINESS (CHC)

This picture presents a plea for more careful driving of cars. It shows how some accidents happen. A telling illustration is made of contrasting two cars driven across a city, one obeying the traffic regulations and the other disregarding all rules.

j-h-c 15 minutes \$1.25

EXPERIMENTAL PSYCHOLOGY OF VISION (IFB)

Illustrates the chief phenomena and techniques of research in visual perception. The topics covered are: phi phenomenon, optical illusions, color constancy, eye movements in reading and perception span, and end- ing with an actual experiment in digit span.

c-a 16 minutes \$1.25

FALLING WATERS OF YOSEMITE (GDH)

Nowhere else on earth can such a glorious array of waterfalls, such as The Waterfalls, Vernal, Nevada, Yosemite, Ribbon, Cascade and Illilouette, be found in such a concentrated area. Each of the falls mentioned above is shown in this film.

p-c 15 minutes \$1.25

FARM, THE (EB)

A group of school children visit a farm, where they see the farmer's home, his barns, cows, ducks, chickens, pigs, sheep, and horses. The children romp in the orchard, feed the horses, play with the lambs, and revel in the strawberry patch. The farmer is shown as he harvests green corn. Apples are gathered in the orchard, and many other farm products are shown in the process of harvesting. In final scenes the cows are milked, the milk is poured into cans for shipment to the creamery, and the cows are seen returning to the pasture.

p-i 15 minutes \$1.25

FEET (EB)

Shows details of structure and arrangement of arches; the best mechanical use of the foot; the points of a good shoe, and harmful effect of improper shoes; good feet as an asset.

i-c 15 minutes \$1.25

FELLING FOREST GIANTS (FOC)

This picture gives a detailed story of the lumber industry in the mountains of North Carolina and in the great forests of the Northwest. Logs are taken from the forests to the mill by mule and oxen teams by skidway and by floating them down stream. Scenes in temporary and permanent lumber mills complete this very interesting subject.

i-j-h 15 minutes \$1.25

FIELD FORCES AS IMPEDIMENTS TO PERFORMANCE (UIO)

This is one of a series of four reels on child behavior. For description see *Changes in Group Atmosphere*.

c 15 minutes \$1.25

FIRE PREVENTION (EB)

Shows the construction of an approved fire-resistant building — correct electrical insulation — possibility of fire through faulty insulation — the proper way to safeguard inflammable materials.

j-h-c 15 minutes \$1.25

FIRE PROTECTION (EB)

Contrasts old and modern equipment and methods of fighting fires. Explains the operation of extinguish-

ers, the principle of cooling, blanketing or smothering fires, and a lesson in fire safety.

i-j-h 15 minutes \$1.25

FIRE SAFETY (EB)

Emphasizes the immense annual losses from fire — treats ways of preventing fires — shows what to do in case of fire — pictures the teaching of fire-prevention methods to school children.

i-j-h 15 minutes \$1.25

FIRST AID — LIFE SAVING AND RESUSCITATION (EB)

Demonstrations in water and (in slow motion photography) out of water, of various approaches and holds used in rescuing the endangered swimmer. Methods of resuscitation include use of the inhalator.

i-j-h 15 minutes \$1.25

FIRST AMERICANS (INDIANS) (FOC)

Indians in different parts of the country vary in appearance, dress and customs. Blackfeet Indians of the Northwest are nomads, roaming from place to place carrying their homes and household goods. The women do all the work. The Pueblo Indians of the Southwest build homes of sun-baked clay. They wear much clothing for protection against the sun. The Pueblos are a peaceful and industrious farming people. Views are given of outdoor ovens and Indian cooking. Cliff Dwellers, the ancestors of Pueblos, left evidence of a civilization centuries before the advent of the white man. Oldest known structure in North America, the ruins of a community house called "Tynonyi," is shown in the closing scenes.

i-j-h 15 minutes \$1.25

FLAX TO LINEN (EB)

Traces flax from the plant and seed stage through the threshing, "retting," "scutching," and "hackling" processes to line flax — shows the spinning of line flax and the weaving and bleaching of linen cloth.

j-h-c 15 minutes \$1.25

FLUFFY, THE KITTEN (FOF)

An excellent film for use in kindergarten through the third grade in general elementary studies, including reading and animal life. Accurate information concerning kittens and their care is provided in the film, and the vocabulary is correctly graded.

p 14 minutes \$1.25

FOOD SERIES — VITAMIN B₁ (EB)

Deals with the natural sources of vitamin B₁, the antineuritic vitamin, and shows the effect of the deficiency of this vitamin on pigeons and young rats. The

effect of extreme vitamin B₁ deficiency on human beings is beriberi. The effect of a balanced diet on the disease and the need for a balanced diet to maintain healthy bodies are shown.

j-h-c 15 minutes \$1.25

FOOD SERIES — VITAMIN D (EB)

Shows the natural and artificial sources of vitamin D — the antirachitic vitamin. The results of vitamin D deficiency — rickets and poor teeth — are here presented. A series of feeding experiments with laboratory animals shows effects of the lack of this vitamin and corrective results obtained by the feeding of cod-liver oil. The various methods used to increase vitamin D in the body — the use of concentrates, exposure to sunlight or sunlamps, well-balanced diet, improved living conditions.

j-h-c 15 minutes \$1.25

FOOTBALL FUNDAMENTALS (EB)

Scenes filmed under actual training conditions, to show fundamental techniques and drills; methods of executing fundamentals; prevention of injuries; modern coaching practice; analyses of body movement in slow motion, followed by the same action at normal speed; application of techniques to typical situations in scrimmage; scenes from actual games. Reel I, Drills for Individuals and Small Groups. Reel II, Group and Team Drill.

j-h-c 30 minutes \$1.25

FOOTBALL THRILLS OF 1941 (ICS)

Highlights of the 1941 season: Fordham-Southern Methodist; Duquesne-St. Marys; Yale-Princeton; Minnesota - Northwestern; Columbia - Princeton; Duke-Georgia Tech; Notre Dame - Navy; Harvard - Yale; Army-Navy.

j-h-c 15 minutes \$1.25

FOREST PEOPLE OF CENTRAL AFRICA (FOC)

An intimate study of the African pygmies, who have so seldom been photographed; their crude brush villages, and their skill at bringing down game with poisoned arrows is shown. Negro women demonstrate their routine of daily domestic life, including the making of pottery. The men manufacture objects of iron by means of the crudest processes. The native dance at the end shows a striking parallelism to modern American steps.

i-j-h 15 minutes \$1.25

FORMATION OF SOIL (EB)

Introduces the student to the rock-soil cycle by means of demonstrations, animations, and actual photography. The story of the disintegration of rock in-

cludes the work of the weather, stream erosion and transportation, glaciers, wind and waves, rain and air, plants and animals.

j-h-c 12 minutes \$1.25

FROGS, TOADS, AND SALAMANDERS (EB)

Development of typical amphibians through the stages of eggs, aquatic larvae, and final metamorphosis to the adult forms. Structure and adaptations of the tree frog, the green frog, the common toad. Tailed forms of amphibians — the newt, the mud puppy, and the hellbender.

h-c 15 minutes \$1.25

FROM FLOWER TO FRUIT (EB)

Shows how all parts of a flower help in producing seeds. The flowers of roses, lilies and apples mature, anthers produce pollen, insects assist in pollination, pollen tubes grow, fertilization is completed, and the fruit develops. Time-lapse motion photomicrography and animated diagrams are freely used.

j-h-c 15 minutes \$1.25

FURNITURE MAKING (EB)

Contrasts the important period styles of the past with styles of today — shows master craftsmen at work — and outlines modern methods in machine production of furniture.

j-h-c 15 minutes \$1.25

GERMANY, RURAL LIFE (EB)

This is another film of the series made in Germany just prior to September, 1939. Scenes of this film show the primitive methods of farming used in much of rural Germany as well as new large scale farming. The film shows sequence activities connected with tobacco and vineyard farming. Some scenes show young German girls working in the State Labor Service. Also to be seen are village markets, some handicrafts and views of the home life of a typical Bavarian family.

i-j-h 15 minutes \$1.25

GLACIERS (FOC)

Presents a study of some existing glaciers. It gives the classification, modes of origin, motion, and characteristics of glaciers. The effects of glaciers on the land surface are shown and considered both from the standpoint of erosion and deposition. Illustrations are given of the different land forms produced.

i-j-h 15 minutes \$1.25

GLASS BLOWING TECHNIQUE (EB)

Gives correct procedure and manipulations for elementary glass blowing with Pyrex glass, the technique

employed in joining tubes of unequal diameters, and the method of forming bulbs.

j-h-c 15 minutes \$1.25

GLENN CUNNINGHAM (UK)

When Glenn was only eight years old, he was horribly burned by kerosene. It was feared he would never walk again. Since his legs were so scarred, the circulation was bad, and Glenn's doctor advised him to run to bring back the circulation. This film is about that badly burned boy and some of his track exploits. Most of the film is concerned with Glenn's running form, how he warmed up for a race, and how he practiced.

j-h-c 15 minutes \$1.25

GLIMPSES OF THE 1936 OLYMPICS (ICS)

Views of the opening ceremonies to the summer sports and many of the finals of swimming and track events.

j-h-c 15 minutes \$1.25

GOLD (EB)

Compares dredging, hydraulic mining, and "quartz" or shaft mining methods. Gold-bearing quartz is crushed, concentrated, and smelted. The uses of gold in dental crowns, jewelry, and gold leaf. Minting of gold: rolling, cutting into coin blanks, stamping, weighing.

i-c 15 minutes \$1.25

GREEN PLANT, THE (EB)

Stresses the fact that living things are dependent for food upon the green plant. The latter's processes of food-making and growing are accurately diagrammed.

j-h 15 minutes \$1.25

GUATEMALA (AFD)

In this film we see the natives who are of mixed Malay and Spanish descent. Other scenes show the modern city built to replace the old one destroyed by earthquake in 1773. Also pictured is the sacred festival in honor of Metzel, the Sun-God, then, by way of contrast, a modern country fair.

j-h-c 15 minutes \$1.25

GUILD CITIES OF BELGIUM (FOC)

Shows the cities of Belgium important during the Middle Ages. Their ancient buildings are shown in all their beauty. This is an important film for classes studying this part of European history or geography.

j-h-c 15 minutes \$1.25

HANSEL AND GRETEL (ICS)

Ordinary filming of this old story.

p-i 15 minutes \$1.25

HAPPY HEN AND HER CHICKS (PP)

A primary grade film of a little girl and some of her experiences with a mother hen and a brood of chicks. Some scenes show the eggs being pecked open and the little chicks tumbling out. Later sequences show the hen conducting her brood about the yard.

p-i 15 minutes \$1.25

HERE COMES THE CIRCUS (EFS)

Shows activities connected with the setting up of a big circus. Scenes include the wagons coming on the lot; the raising of the big top; driving the stakes; the coming of the elephants; camels and zebras; the blacksmith shop; and the parade into the big top for the afternoon performance. No titles are used so as to permit better pupil and teacher activity.

p-i 14 minutes \$1.25

HISTORIC SCENES ALONG THE MT. VERNON MEMORIAL HIGHWAY (USDA)

In this film we see the Lincoln Memorial and Arlington House, Washington's home, Carlyle House, Ramsay House, Masonic lodge and William's portrait of Washington. Subsequent scenes show the Grave of the Unknown Soldier, home of Robert E. Lee, the George Washington National Masonic Memorial, Mt. Vernon and grounds, and the tomb of George Washington.

general 15 minutes \$1.25

HISTORICAL INTRODUCTION TO THE STUDY OF CHEMISTRY (EB)

The primitive savage's manipulation of metals; the alchemist; experiments of Priestly and Lavoisier; discovery of oxygen and explanation of burning. A scientifically accurate presentation of the birth of modern chemistry.

j-h-c 15 minutes \$1.25

HITS, RUNS, 'N ERRORS (ICS)

Scenes from the Fordham practice field of baseball. The film gives some slants on training and inside baseball.

i-c 15 minutes \$1.25

HONEYMAKERS (FOC)

Shows an apiary, different types of honeycombs, and bees making honey. The different kinds of bees are pictured such as the queen, workers, and drones. The film follows the metamorphosis of the honey bee.

i-j-h 15 minutes \$1.25

HORSES AND BOTS (USDA)

This U.S.D.A. film shows the three types of botflies, how they attack and render horses and mules useless for work, methods of treatment and how eradication campaigns are carried out.

j-h-c 30 minutes \$1.25

HOT-AIR HEATING (EB)

Scenes, supplemented by animations, trace the development of heating methods from fireplace and stove to a modern hot-air system in a large building.

i-j-h 15 minutes \$1.25

HOW BIRDS FEED THEIR YOUNG (EB, Color)

Photographed by Dr. Arthur A. Allen, Professor of Ornithology, Cornell University. Shows the indigo bunting, towhee, thrush, bluebird, cedar waxwing, goldfinch, hummingbird, heron, snakebird, least bittern, quail, and grouse — each with its own distinctive feeding methods, vividly shown.

p-c 9 minutes \$2.25

HOW THE FIRES OF THE BODY ARE FED (FOC)

This is a study of the mechanical processes that take place in the human body during digestion. A striking comparison between the stoking of a ship and the feeding of the human body is drawn. X-ray photographs of the stomach in action are shown.

i-c 15 minutes \$1.25

HOW TO GET RID OF RATS (USDI)

Opening scenes show various methods of rat control. Some unusual views of wild rats in action are shown.

j-h-c 15 minutes \$1.25

HOW WE SEE (KB)

Presents for the first time the latest facts regarding accommodation, or focal adjustment, preceded by introductory anatomical matter and illustrated by means of animated drawings.

i-j-h-c 15 minutes \$1.25

IMPRISONED FRESHNESS (PC)

The story of Birdseye Frosted Foods. Illustrates how the principle of quick-freezing at subzero temperatures, in contrast to ordinary freezing, preserves intact the food cell and its natural juices and flavors. Shows seafoods, meats, poultry, vegetables and fruits being gathered at sources of greatest abundance and finest quality,

stripped of all waste, packaged, quick frozen, and distributed under low temperature conditions to hotels, railways, steamships, airliners, and the home. An educational story of an important development in food conservation that is changing the menus of the world.

general 30 minutes \$1.25

IN OLD HESSEN (GTI)

Some of the life and customs of the Hessen district in Germany. Shows Market Place, harvest and dance after harvest, church, and girls weaving linen for wedding chests. Costumes of the district are shown.

c-a 30 minutes \$1.25

INDUCED CURRENTS (EB)

The principle of electromagnetic induction applied to commercial generators; the conversion of alternating current into direct current; the action of the commutator, transformer, and telephone.

j-h-c 15 minutes \$1.25

INTERDEPENDENCE (HU)

This is a presentation of the dependence of individuals and communities upon one another. Interesting action scenes show the specialized jobs of the town and city which increase dependence as well as benefits. There are scenes of dairy farms, stockyards, wheat fields, bakeries, forests, lumber camps, coal mines, and the vast network of railroads that bind together the entire country. Finally by means of scenes taken in foreign countries the picture ends with the conclusion that all nations are interdependent.

j-c 22 minutes \$1.25

IRON ORE TO PIG IRON (EB)

Outlines the mining of ore in the Mesabi range; its transportation to Duluth and through the "Soo" canal to Gary, Indiana, where it is smelted and cast into pigs.

j-h-c 15 minutes \$1.25

JOHN DOE, CITIZEN (KB)

Dramatizes a situation which demonstrates the apathy with which most citizens view civic matters of interest to their community.

h-c 15 minutes \$1.25

KNOW YOUR BIRDS (HNP, Color)

Is designed for the nature lovers and the ornithologist as an aid in the identification of members of the thrush family and of the titmouse family. Under the

former group, the robin, bluebird, and the wood thrush are shown; under the latter, the titmouse, chickadee, and the nuthatch.

j-h-c 16 minutes \$2.25

KNOW YOUR TYPEWRITER — PART I (H)

Presents very vividly the importance of the typewriter in modern life, the many ways in which it can be used creatively, and the technique of operating it efficiently. Each part of the typewriter is shown and the correct means of operation is pictured.

j-h 15 minutes \$1.25

KNOW YOUR TYPEWRITER — PART II (H)

Pictures children in the elementary grades learning to manipulate the important modern tool, the typewriter, and contains very interesting scenes showing the skill with which fifth graders carry on typing.

j-h 15 minutes \$1.25

KNOW YOUR TYPEWRITER — PART III (H)

Shows clearly the time-saving elements in typing, and the need for learning to use the typewriter properly regardless of the ultimate end to be achieved. The importance of mastering typewriting to facilitate written expression whether it be a housewife, a minister, a reporter, or a stenographer, is shown.

j-h 15 minutes \$1.25

LENSES (EB)

Emphasizes those phases of lens refraction admirably shown by animation: action of a converging lens, real and virtual images, changes of magnification; effect of a diverging lens and formation of the virtual image; construction and explanation of achromatic lenses.

j-h-c 15 minutes \$1.25

LET'S SEE YOSEMITE (YRC)

The film takes the viewer on a trip through Yosemite National Park. Among the scenic places shown are the El Capitan Mountains, Bridal Veil Falls, Royal Arches, Wawona, the world's most famous tree, and the Half Dome.

i-c 15 minutes \$1.25

LET'S STUDY GLACIER NATIONAL PARK (DL)

Travelogue and animation on some of the geological features of Glacier National Park.

j-h-c 15 minutes \$1.25

LIFE CYCLE OF THE DIPHYLLOBATHRIUM LATUM (UM)

The broad tapeworm of man is a parasite of the small intestines. This parasite is common in the Great Lakes Region and infection is obtained by eating raw

or underdone fish. A pernicious anemia sometimes develops. The development of the ova including the hatching of the egg, free swimming larva, ingestion and development in the copepod is shown. The infection of the fish host is shown followed by the adult stage in dogs.

j-c 11 minutes \$1.25

LIFE CYCLE OF TRICHINELLA SPIRALIS (SSI)

Shows the life history of *Trichinella spiralis*. Many deaths occur annually in the United States due to this parasite, and over 10% of the population have mild doses. Since no government inspection for this parasite is possible, reliance is placed on propaganda to cook pork well.

j-c 11 minutes \$1.25

LIFE IN THE SAHARA (EB)

Illustrates nomadic life on the desert with scenes of camp life, a journey by caravan to the oasis market place, busy bazaars, lively bartering, a Mohammedan mosque, the return of caravans loaded with supplies.

i-j-h 15 minutes \$1.25

LIMESTONE AND MARBLE

Demonstrates the relationship between limestone, chalk, and marble—quarrying, carving, and using natural limestone—manufacturing artificial limestone (cement)—quarrying of marble.

i-c 15 minutes \$1.25

LITTLE BROTHER AND SISTER (DEV)

Deals specifically with the care of infants. How to bathe and handle infants. Effect of lack of sunshine on the infant's health. The importance of health examinations.

i-j-h 15 minutes \$1.25

LITTLE INDIAN WEAVER, THE (FOC)

Bah lives on a Navajo Indian reservation in California and learns from her mother the art of weaving. Bah wants the doll of a white child, but her mother tells her she should weave a blanket to exchange for the doll at the Trading Post. Although the Trader refuses to take the blanket, the Trader's son buys the doll for Bah with his savings. After this act of kindness, the Navajos accept the white boy as their friend and teach him many interesting customs.

p-i 15 minutes \$1.25

LIVING CELL, THE (EB)

Pictures the division and growth of single-celled organisms: yeast, amoeba, paramecium—many celled organisms: hydra and flatworm—tissue cells.

j-h-c 15 minutes \$1.25

LIVING THINGS FIND A HOME ON THE EARTH (DEV)

A film useful in nature study. Prehistoric animals, penguins, ostriches, snowshoe hare, hermit crab, frogs, toads, and butterflies are shown.

p-i 15 minutes \$1.25

LONDON (WORLD PARADE) (ICS)

Shows Thames, Westminster, the Abbey and other historic buildings and sections; also Change of the Guard. These are views of prebombed London.

h-c-a 15 minutes \$1.25

LOOM WEAVING (UW)

A girl student of the Universal School of Handicrafts threads a small loom and, following a weaving draft, goes through the process of weaving a pattern.

j-h-c 15 minutes \$1.25

LUCITE CARVING (WG)

A new medium offering exciting possibilities. Featuring Domenico Di Mortellito, foremost Lucite artist.

j-h-c 20 minutes \$1.25

LUTHER BURBANK (EB)

A part of the life of the "plant wizard" is depicted by scenes showing cactus development, lily pollination, the development of long staple cotton, walnuts with paper-thin shells, and improved varieties of wheat and oats.

i-c 12 minutes \$1.25

MAGNETIC EFFECTS OF ELECTRICITY (EB)

Includes magnetism and magnetic induction with their applications to the electromagnet, the electric bell, the ammeter, the voltmeter, and the motor; the theory of permanent magnetism; an explanation of terrestrial magnetism.

j-h-c 15 minutes \$1.25

MAKING A MONOTYPE (WG)

The making of a full-color print from one plate, demonstrated by Will Barnett, prominent graphic artist.

j-h-c 15 minutes \$1.25

MAKING A V-TYPE ENGINE (USBM)

An industrial film depicting the steps in the construction of a V-type engine. Included are the blast and open-hearth furnace processes, the "rough machining," "point boring," and "honing" of motor heads. Molten steel for crankshafts is poured at 2700° F. The

grinding and polishing of the camshafts, pistons, rings, and connecting rods show the importance of accuracy in measurement. After the assembling of the engine, the film demonstrates the dynamometer and power tests before the automobile is ready for the road.

j-c 30 minutes \$1.25

MAKING AN AIRPLANE FITTING (WG)

Illustrates the manner by which a damaged gusset plate is replaced by demonstrating the various processes and by showing carefully labeled pictures of the different instruments.

h-c 20 minutes \$1.25

MAKING AN ETCHING (WG)

Shows Professor Charles J. Martin demonstrating the processes involved in making an etching. The edges of the varnished plate are beveled to prevent them from cutting the etching paper. The plate is cleaned, coated with ground, and then smoked. A sharp needle is used to cut the design into the plate. An acid bath eats into the drawn lines, and a water bath stops the action. Different effects can be produced by a rag wipe, a hand wipe, or a retoussage. The press is tested for pressure and the etching printed.

j-h-c 25 minutes \$1.25

MAKING BRICK PAVING (USDA)

The complete process of brick making from the securing of the raw materials, the process of manufacture, drying and baking bricks in kilns, to the testing of the finished product is shown.

j-h-c 15 minutes \$1.25

MAKING OF PUPPETS, THE (BFS)

To illustrate the method best, the film follows the making of a puppet from beginning to end. In making a puppet, the material must be formed into workable character. In the making of this particular type of puppet, the finger stall is first made with light cardboard and glue, to which the cotton head filler is securely fastened. A sock is pulled over the filler and finger stall and cut one inch below the stall.

The operation of making the face of the puppet is then shown in complete detail, from sketching and painting the features through fastening the hair in place. The dress for the puppet is made from a pattern clearly viewed in the picture. When the dress is sewed to the now completed "head" of the puppet, it is ready for use. Several illustrative puppets of this design and make are then shown.

The clarity and simplicity with which this production has been made are great assets to the film. Any

beginner, regardless of grade level, will be able to follow the simple instructions given in the film.

j-h-c 10 minutes \$1.25

MALAYS OF SUMATRA, THE (FOC)

Sumatra, one of the largest islands in the Malay Archipelago, is largely peopled by two types. Of these, the Malays live along the coast, where they trade with neighboring islands, cultivating "wet rice" by primitive agricultural methods, and make meal with mortar and pestle. The Malay houses are unique and picturesque and their marriage ceremonies elaborate. The wedding of a rich man and woman is celebrated by processions through the village streets, gift bearers, and dancing to music made by an orchestra with native instruments.

i-j-h 15 minutes \$1.25

MARK TWAIN (ICS)

This reel includes a short biography of the famous humorist. Many of the scenes appearing in his stories open the film. A dramatization of "The Jumping Frog" brings the film to an end. Produced circa 1920.

i-j-h 15 minutes \$1.25

MEAT PACKING (EB)

Locates the cattle country and the "Feeder belt," pictures shipping of cattle to market, dressing of beef, government inspection, and curing of hams.

j-h-c 15 minutes \$1.25

MERRY CHRISTMAS (UW)

Catches all of the lift, suspense, expectancy and excitement that mounts for months to the glorious day of December 25th. Woodsmen in the forests are hunting your snow-tufted trees; farmers are fattening the holiday turkeys; craftsmen are perfecting new presents for Junior and Sister. With quickening pace, store windows blossom with moving displays of marvelous appeal; streets hum with shoppers. Finally the Eve of the great day arrives—and with it is Santa Claus himself.

p-i 15 minutes \$1.25
(one day only)

MESA VERDE NATIONAL PARK (DL)

Scenes of some of the more interesting places of the park.

j-h-c 30 minutes \$1.25

MEXICO OUR NEIGHBOR (NMP)

Classes in general and commercial geography will be interested in this film. It shows some of the mountains and plains of Mexico, describes the oil and mineral wealth, and compares the old and new methods of industrial and agricultural production now in use.

j-li-c 15 minutes \$1.25

MINING NICKEL, COPPER ORE (USBM)

Depicts the operations in the mining of nickel and copper ore in a large mine.

j-h-c 15 minutes \$1.25

MISSIONS OF CALIFORNIA (GDH)

With the founding of Mission San Diego de Alcalá in 1769 by Fray Junipero Serra, began a period of fifty years known as the Golden Age of California. This amazing Franciscan friar and his followers built twenty-one Missions extending seven hundred miles northward. This picture shows all the Missions as they appear today. Traveling along El Camino Real, the King's Highway, the film reveals the romantic Missions in the order of their founding.

i-j-h 15 minutes \$1.25

MODERN MILK (EMC)

The processes involved from the milking of the cows to the canning and shipping of evaporated milk are shown in this film.

i-c 15 minutes \$1.25

MOSQUITOES (USDA)

The bureau of Entomology and Plant Quarantine of the U. S. Department of Agriculture produced this film. It shows the mosquito as a pest affecting man and beast, varieties and life history, safeguards and methods of control. Scenes are taken mostly in New Jersey and Florida.

general 45 minutes \$1.25

MUSCLES (EB)

Presents, by means of demonstrations and animations, the general nature and structure of muscles. It shows voluntary and involuntary muscles; contraction, effect of a series of stimulations, nature of sustained contraction, recording of muscle fatigue; arrangement of muscles in antagonistic groups, use of muscles in various activities.

i-c 15 minutes \$1.25

NATIVE AFRICA (UW)

Opening scenes take us on a trip through the interior. Finally we see scenes of the dark jungles of Africa. Especially interesting are the scenes of natives and the giraffes, zebras, tigers, and lions. A great risk on the part of the photographer made these animal shots possible.

i-j-h 15 minutes \$1.25

NAVAJO INDIANS—HOME LIFE (BFS)

Intimate and interesting glimpses into the lives of the Navajo Indians of the semiarid desert of Northern Arizona are given in this film. A few of the sequences included in this film are a close-up of an old Indian

woman and a little child, a woman strapping her baby to a baby board, a woman preparing food, and a close-up of their famous sandstone silverwork — bracelets, rings, and other ornaments. This film is in Kodachrome.

i 15 minutes \$1.25

NAVAJO INDIANS — RUG WEAVING (BFS)

The method of the weaving of the Navajo Indian's famous rugs is shown. The different operations shown are: sheepshearing; carding of the wool; spinning by hand; setting up the loom; silhouette view of erected loom; making of the dye; dyeing the yarn; close view of weaving technique; finishing the weave; and the finished rug. This film is in Kodachrome.

i 15 minutes \$1.25

NEW ENGLAND FISHERIES — PART I (EB)

Cod. — Outlines the equipping and loading of a schooner for a trip to the Grand Banks — setting trawls and catching fish — unloading — preparing cod for market.

j-h-c 15 minutes \$1.25

NEW ENGLAND SHRINES (FOC)

Scenes of many of the interesting places of historical importance in the New England States.

i-j-h 15 minutes \$1.25

NEW JANITOR (Castle)

Charlie Chaplin Comedy in which Charlie, working as a janitor, catches an executive absconding with funds to pay a gambling debt. Charlie has been fired, and the police almost get him instead of the villain, but in the end everything straightens out, he gets his job back and a reward.

general 15 minutes \$1.25

NITRATE INDUSTRY OF CHILE, THE (FOC)

The film begins with the mining and refining of the nitrate ore. The refined nitrate is bagged and shipped to all parts of the world. The picture continues by showing farmers using the nitrate as a fertilizer.

j-h-c 15 minutes \$1.25

NITROGEN CYCLE (EB)

Shows the relation of nitrogen to plant and animal growth. Scenes presenting the formation of natural fertilizers and commercial fertilizers complete the story of the nitrogen cycle through living and nonliving things.

j-h-c 15 minutes \$1.25

NOERDLINGEN (GTI)

Scenes of the ancient town of Noerdlingen. Ancient buildings, costumes, the "Daniel" — the old church tower. A festival dance and a re-enactment of the siege of Noerdlingen during the Thirty Years' War are shown.

h-c-a 15 minutes \$1.25

"OLD IRONSIDES" (GDH)

The frigate "Constitution," better known as "Old Ironsides," ushered in our Navy in 1797. It brought great prestige to our country by its conquest of the pirates of Morocco and Tripoli in 1803-04 and its defeat over Britain's frigate *Guerriere*. This travellette shows "Old Ironsides" as she is today. Full-view shots from every angle being supplemented by intimate scenes aboard the ship.

general 15 minutes \$1.25

OLD SOUTH, THE (EB)

Portrays in animation and photography the physical features of areas planted to tobacco, sugar, rice, cotton; pioneer life; early methods of transportation on a Mississippi River steamboat; and plantation life in the Old South.

j-h-c 15 minutes \$1.25

OPTICAL INSTRUMENTS (EB)

Utilizes the principles of reflection and refraction and applies them to optical devices. The film units are: (1) Mirrors; (2) The Eye and Spectacle Lenses; (3) The Camera; (4) Stereopticon and Moving Picture Projectors; (5) Microscopes and Telescopes.

j-h-c 15 minutes \$1.25

OYSTERS (EB)

Life history of the Atlantic oysters. Methods used in oyster "farming," fishing, and canning. Also how pearls, formed in the Oriental pearl oyster, are graded, drilled, and assembled into necklaces.

j-h-c 15 minutes \$1.25

PATROL PROTECTION (HEB)

Two boys with different attitudes toward the school patrol are the principal characters. The two are playing after school when the careful boy is struck by a car while warning his friend of danger. The careless boy reforms and becomes a member of the patrol.

p-i 10 minutes \$1.25

PIED PIPER OF HAMELIN (ARF)

An excellently acted and photographed film of this old folk tale. It is adapted to general use.

i-j 30 minutes \$1.25

PIG IRON TO STEEL (EB)

Traces the progress of the ore through open hearth furnace, blooming mill, and finishing mill to the finished products. "T" beams and rails.

i-c 15 minutes \$1.25

POST OFFICE (EFLA)

The complete story of mailing a letter. The letter is mailed in the rural post box, is picked up by the rural carrier and brought in to the city post office. Cancellation, sorting, tying, pouching, transportation on the mail car, sorting by clerks and carrier, and the delivery of the letter are shown in detail. Intentionally all titles have been omitted so as to allow for more teacher participation.

p-i 15 minutes \$1.25

POSTURE (E)

Prepared in cooperation with the American Posture League. Good posture, both standing and sitting; the part played by muscles in determining whether it shall be good or bad; how to correct poor posture; and the importance of good posture in physical well-being.

i-j-h 15 minutes \$1.25

PRACTICAL LETTERING (CO)

Demonstrates the construction of each letter and number in Commercial Gothic, the basic style for drafting and hand lettering.

h-c-a 25 minutes \$1.25

PROTOZOA (EB)

The life of various protozoa is observed by means of microcinematography. Dissection of amoeba is made under the microscope. Methods and means of locomotion, food-getting, digestion, reproduction, elimination, and defense are observed.

h-c 30 minutes \$1.25

PUERTO RICO (EB)

Indicates development of this island under United States control, and shows how location and climate make it a rich producer of agricultural raw materials. The topics are: (1) San Juan; (2) Schools and Colleges; (3) Rural Life; (4) Agricultural and Industrial Products.

j-h-c 15 minutes \$1.25

PUPPET THEATRE (BFS)

A simple puppet theatre is shown in the course of construction. The style of the "stage" is as elementary as possible, so that the beginners may follow it clearly. A "curtain" is constructed from an old roller shade,

and decorated. Methods of keeping the puppets on an even line during the course of their action are clearly reproduced.

When the stage is completed, a short play, using the characters of Hansel and Gretel, is produced for a group of children assembled to see the finished product. Various other characters appear, and scenes from both front and back stage are included.

j-h-c 7 minutes \$1.25

PURIFYING WATER (EB)

Stresses the need for purifying water, and shows methods of aerating, filtrating, disinfecting and testing a city's water supply.

i-j-h 15 minutes \$1.25

RAILROAD TRANSPORTATION (USBM)

Shows methods of transportation from the time when beasts of burden were used for transportation to the modern diesel train. Stresses the fact that electric locomotives are better suited for certain operations than steam locomotives; such as switch yards, tunnels, and terminals. States that the diesel locomotive is replacing steam locomotive on railroads.

h-c-a 30 minutes \$1.25

REDWOOD SAGA (GDH)

Areas of Redwoods are being lumbered, and this fascinating travelette shows the cutting, loading, transportation, mill sawing and finishing operations in this large industry. Redwood is highly fire resistant, having little or no pitch content. The lumber is also impervious to pests that ravage other woods, and hence is employed whenever a long-lasting, almost permanent structural material is essential.

i-h 15 minutes \$1.25

REFINING CRUDE OIL (EB)

Through demonstrations, animations, and photographs, the steps in distilling which are concerned with gasoline, kerosene, oil distillate, paraffin wax, fuel oil, lubricating oil, asphalt, and "cracking."

j-h-c 15 minutes \$1.25

REPTILES (EB)

Depicts harmless garter snakes, pit vipers, and poisonous coral snakes; New World lizards — American "chameleon," horned "toad," iguana, and Gila monster; alligators — their habits, eggs, and young; tortoises and turtles — box tortoise, desert tortoise, and marine turtles.

i-c 15 minutes \$1.25

RIO GRANDE (EB)

Depicts the source of the river, the nature of the country, and the people who dwell along the banks of the Upper Rio Grande—the Elephant Butte Dam and the irrigation projects of the Middle Rio Grande contrasted with scenes on the Mexican side—and includes the manner in which fruits and vegetables are grown along the lower river and shipped to northern markets.

j-h 15 minutes \$1.25

ROSE BOWL GAME 1947 (IHSA)

The complete pictorial record of the first modern meeting of the winner of the Big Nine and the Pacific Coast Champions in the 1947 Tournament of Roses football game.

general 60 minutes \$5.00

SADDLE TRIPS IN YOSEMITE (YPC)

This picture deals with the various saddle trips that may be taken on the floor of Yosemite Valley and above the Valley rim, with scenic views of the many waterfalls in the Park.

general 15 minutes \$1.25

SAFETY AT PLAY (EB)

Contrasts safe and unsafe places to play, safety in the use of play equipment, good habits in play, proper care of the playgrounds, and first aid for minor injuries.

p-i 8 minutes \$1.25

SAND AND CLAY (EB)

In conjunction with "Limestone and Marble," this film gives an understanding of the rock-soil cycle in nature, and of the commercial significance of minerals involved.

i-c 15 minutes \$1.25

SCULPTURE OF LAND BY RIVERS (FOC)

Here is presented a study of the erosion of the earth's surface by running water. The picture enables a student to get a good conception of the relentless wear upon the land surface by water from seeing views of the Dells of Wisconsin, Grand Canyon, and Ausable Chasm. Next the film pictures a laboratory experiment on how a river does its work.

j-h-c 15 minutes \$1.25

SEEING GLACIER NATIONAL PARK (DL)

Travelogue over some of the park.

j-h-c 15 minutes \$1.25

SHIP OF THE DESERT (EB)

The camel is shown at its work in the forbidding desert wastelands. Arabs and their families, camels and young, Bedouin caravans, and scenes at an oasis are included.

p-i-j 15 minutes \$1.25

SHORE DEPOSITS (FOC)

The different types of waves, how waves determine coast formation, and the principal features of wave and current deposition along the coast.

j-h-c 15 minutes \$1.25

SHORE LINES AND SHORE DEVELOPMENT (FOC)

A study of the forces which are shaping the coast lines of the continents and the shores of lakes. The picture considers the two main types of waves commonly developed in the sea and shows the work which they accomplish in changing the shoreline. Both kinds of work accomplished by waves and currents, erosion and deposition, are shown by the resulting beaches, cliffs, caves, bars, and spits. The fury of storm waves is emphasized.

j-h-c 15 minutes \$1.25

SIBERIA I (EB)

The Trans-Siberian Railroad; Alexandrovsky Prison; street scenes in Irkutsk; sports—home life—elementary school; public health projects; agriculture; the Buryat Mongolians; religious ceremonies (Buddhism). Taken in 1938. See Russia, Turkey, Japan, Manchukuo, and below.

j-h-c 15 minutes \$1.25

SIBERIA II (EB)

Lake Baikal—fishing—gold mining; religious ceremonies (Shamanism); the reindeer people (Tungus); manners and customs; activities in government schools, a sanatorium, and a store. Filmed in 1938.

j-h-c 15 minutes \$1.25

SILK (EB)

This film contains views of raw silk culture in Japan—animations and scenes showing time required and countries traversed to reach industrial centers of the United States.

j-h-c 15 minutes \$1.25

SIMPLE MACHINES (EB)

The simple machines, lever and inclined plane, are developed as fundamental to other machines. Principles of mechanical advantage, moments, work, efficiency,

and conservation of energy are applied. Complex machines are shown to be combinations of simple ones.

j-h-c 15 minutes \$1.25

SIX-MAN FOOTBALL (UI)

Football is a splendid game but the conventional eleven-man-team game is an impossible one for thousands of small high schools. The six-man-team game preserves the good features of football and puts the game within the reach of small high schools and for intramural use.

This film demonstrates the equipment needed, type of field, fundamentals of individual and team play. Some offensive plays are demonstrated by two college teams. The film closes with scenes from a stirring game between Chrisman and Oakwood high school. The technical director for Six-Man Football was Ray Duncan, a national authority on the game. Filmed by the Visual Aids Service.

j-h-c 30 minutes \$1.25

SKIN (EB)

Contrasts the skins of various animals. It shows structure and method of growth of human skin; explains the sensation of touch, the formation of "goose-flesh," how hair "stands on end," the secretion of sweat, growth of hair and nails — illustrates the proper care of the skin.

i-j-h 15 minutes \$1.25

SMOKE STREAMS (FPC)

This is a visualized study of aerodynamics and air-flow phenomena. The 43 scenes illustrate the nature of flow around objects classified under headings of lift, drag, high lift devices, down-wash effects, tip losses, and miscellaneous flow phenomena.

h-c 30 minutes \$1.25

SOCIAL CLIMATE OF GROUPS (UIO)

Is one of a series of four reels on child behavior. For description see *Changes in Group Atmosphere*.

c 15 minutes \$1.25

SOME SEASHORE ANIMALS (EB)

An anemone and its relative, the sea feather, are interestingly shown. Feather dusters (marine tube worms) are pictured — one old specimen in its long, calcareous tube. Sea urchins are displayed from various angles. Close views of starfishes show how their tube feet assist them in feeding. A sunflower star swallows food. Closing scenes show the hermit crab and some of its seashore neighbors.

i-j-h 12 minutes \$1.25

STEAM POWER (EB)

Shows early steam engines, and the improvements which made the steamboat possible. Explains simple steam engines, steam boilers, and locomotives.

i-c 15 minutes \$1.25

STORY OF THE STAR SPANGLED BANNER (FOC)

This film, adapted particularly to the elementary and junior high school level, dramatizes the life of Francis Scott Key from boyhood to the War of 1812. His imprisonment on a British ship and the all-night battle of Fort McHenry is vividly shown to be the cause of producing our national anthem.

i-j-h 15 minutes \$1.25

STREET SAFETY — FOR ADVANCED GRADES (EB)

Illustrates fundamental safety principles designed to govern outdoor activities of older children or adults. This film was made in cooperation with the National Safety Council and American Automobile Association.

j-h-c 15 minutes \$1.25

STREET SAFETY — FOR PRIMARY GRADES (EB)

A trained police dog is included among the actors and is used to demonstrate cardinal points of street safety by the indirect method. This subject is designed especially to impress younger children.

p-i 8 minutes \$1.25

STUDIES ABOUT COMMUNICATION (PP)

Actual situation of forty school children in class and activity groups, working on: wireless and telegraph, radio, printing press and newspaper, carrying the mail, flag signals, signs and symbols, and ancient writing methods.

p-i 15 minutes \$1.25

SUBJECT, VERB, OBJECT (STM)

This is a color film which emphasizes "big primary grammatical relations" in the sentence and "thought blocks" recommended in a National Council of Teachers of English monograph. Color symbols are used to emphasize meaning. The film is planned for use in grade 6 or higher and for review and remedial purposes.

j-h 13 minutes \$1.25

SULPHUR (USBM)

Depicts all the processes in the production of sulphur: drilling wells; sending steam to bottom of

wells; storing liquid sulphur; removing of sides of sulphur vats; blasting and shipment of the cooled sulphur. Animated drawings depict the many uses of sulphur; also explains the numerous uses of sulphuric acid, which consume about three-fourths of the crude sulphur produced.

j-h-c 30 minutes \$1.25

SWIMMING AND DIVING ACES (ICS)

We learn, through slow motion in this film, what makes great divers. Every type of twisting, turning dive is shown.

general 15 minutes \$1.25

SWISS WOOD CARVER (FOC)

Seppi is the son of a wood carver and lives with his father in the mountains of Switzerland. He tends goats and practices carving in his spare time. A dramatic incident brings in scenes from the famous places of Switzerland and Seppi gets his wish to go to the wood carving school at Brienz.

p-i 15 minutes \$1.25

TECHNICAL FILM NO. 1

Effect of fuel-injection advance angle on combustion in a high speed Diesel engine.

h-c 15 minutes \$1.25

TECHNICAL FILM NO. 3

Effect of air fuel ratio on combustion in a high-speed compression ignition engine.

h-c 15 minutes \$1.25

TECHNICAL FILM NO. 4

Effect of air flow on combustion in a high-speed compression ignition engine.

h-c 15 minutes \$1.25

TECHNICAL FILM NO. 6

Effect of fuel injection nozzle design on combustion in a high-speed compression ignition engine.

h-c 30 minutes \$1.25

TECHNICAL FILM NO. 12

A study of air flow in an engine cylinder.

h-c 15 minutes \$1.25

TECHNICAL FILM NO. 14

Slow motion study of normal combustion preignition and knock in a spark ignition engine.

h-c 30 minutes \$1.25

TERMITES (EB)

The partial life history of termites is illustrated by subterranean termites (*Reticulitermes*), rotten-wood termites (*Termopsis*), and sound-wood termites (*Kaloterms*). A few of the many protective measures against these insects are shown.

j-h-c 15 minutes \$1.25

THOMAS A. EDISON (GE)

Two-score years after Edison invented the incandescent lamp, he was the guest of honor at the laboratories of the General Electric Company in Schenectady. This picture gives intimate glimpses of the famous inventor as he inspected the methods employed in the development of his greatest contribution to modern life.

i-c 15 minutes \$1.25

THREE GREAT RELIGIONS (CF)

Presents Taoism, Buddhism and Confucianism.

j-h-a 15 minutes \$1.25

THREE LITTLE BRUINS (Castle)

Three little bears and a litter of fox pups get into all sorts of woodland adventures. The bears go fishing, quarreling, and hunting termites, and the foxes have trouble with a racoon, a skunk, and an owl.

i-j 15 minutes \$1.25

THREE LITTLE BRUINS MAKE MISCHIEF (Castle)

A hilarious story of three small bears who, one day, wander out of their forest and happen upon a farm. Their visit involves encounters with such oddities — to a bear — as a cow, a goose and a horse. Then they find the kitchen which, naturally, complicates things.

general 15 minutes \$1.25

TIN (EB)

Opencast mining, sluicing, and bucket dredging are shown in the world's richest tin mines (in the Malay states). Tin is shipped to the United States, and the processes of making tin plate, tin cans for food containers, and various tin-base alloys are shown in full.

j-h-c 15 minutes \$1.25

TOURNAMENT OF ROSES (UI)

A complete cinematic record in color of the beautiful floral decorations on the floats of the 1947 Tournament of Roses Parade in Pasadena.

general 30 minutes \$1.25

TRANSPORTATION (DL)

This film begins by showing the early methods of transportation and continues to the present use of electric locomotives.

i-c 30 minutes \$1.25

TRANSPORTATION ON THE GREAT LAKES (EB)

Explains the changes which took place during the formation of the Great Lakes. Pictures the sending out of lighthouse keepers and supplies at the opening of spring navigation, loading and unloading ore and grain freighters, passing through the "Soo" locks; car ferries, package and passenger lines.

i-c 15 minutes \$1.25

TREE TO NEWSPAPER (EB)

Includes the steps involved in felling a tree, getting out logs, floating them to market, making wood pulp, and making paper ready for printing in a newspaper plant.

i-c 15 minutes \$1.25

TUBERCULOSIS AND HOW IT MAY BE AVOIDED (EB)

By scenes and animations, tubercle bacilli are shown growing in the laboratory and in the lung tissue of the human body. A tuberculin test is given, a positive reaction is obtained, and the daily routine at a preventorium is pictured.

i-j-h 15 minutes \$1.25

UNIVERSITY OF ILLINOIS BANDS, 1946 (UI)

Marching and formations of the band during this year are shown in Kodachrome.

i-j-h-c 15 minutes \$1.25

VACATION SAFETY (E)

The film units are: (1) Water Safety in an Organized Camp—good swimming precautions. (2) Boating—correct methods of handling boats. (3) Safe Conditions in Camp—the dangers from broken glass and from poison ivy. (4) Fire Building—correct methods of building and extinguishing campfires.

i-j-h 15 minutes \$1.25

VENICE (FOC)

Many of the famous and historical places such as the Grand Canal, the Rialto, the Ducal Palace, and St. Mark's Cathedral are vividly presented in this film.

i-j-h 15 minutes \$1.25

VIRGINIA—THE OLD DOMINION (EB)

Depicts a region rich in geographic, commercial, and historic interest. Surveys "Tidewater Virginia" with its cities, land and sea products; "Piedmont Virginia"; the beautiful "Blue Ridge" country; the "fall line" cities and crops; the "Greater Valley" and its rich tributaries, showing scenic wonders, waterfalls, forests, and pulpwood products.

j-h-c 15 minutes \$1.25

VISIT TO YELLOWSTONE NATIONAL PARK, A (DL)

A short trip to the best known of our National Parks.

j-h-c 15 minutes \$1.25

WANDERERS OF THE ARABIAN DESERT (FOC)

The picturesque, hardy, warlike Arab lives in the occasional stretches of fertile country in the Arabian desert. Here highly skilled horsemen breed and school the famous Arabian horse. Sheep and goats are herded in the hills. As they move from place to place, the women load the camels with goat-hair tents and unload them when the move is over. They also do the spinning, weaving and breadmaking, while the men school their horses or smoke and talk. When the meal of mutton stew and coffee is served, the women and children must eat what the men have left over. All these scenes give the picture interest, beauty, and variety.

i-j 15 minutes \$1.25

WAR IN EUROPE (ICS)

Has historical value in that it shows the invasion of Poland, declaration of war by Britain and France and other war scenes.

j-h-c 15 minutes \$1.25

WASHINGTON—THE CAPITAL CITY (EB)

Map and picture study of the Capital area, including Capitol and grounds, Library of Congress, Pennsylvania Avenue, and Columbus Memorial; White House section, including Treasury Building, State, War, and Navy Buildings, White House, Ellipse, and Pan-American Union Building; and the Mall, including Botanic Gardens, Smithsonian Institute, National Museum, Washington Monument, Tidal Basin, Potomac River, Lincoln Memorial.

i-c 15 minutes \$1.25

WEATHER FORECASTING (EB)

The collection, tabulation, and interpretation of weather data obtained from observations and instru-

ments. Data sent to headquarters is charted on a map. In animation, a procession of low and high pressure areas moves across the United States from west to east.

j-h-c 15 minutes \$1.25

WEE SCOTCH PIPER, THE (FOC)

In this film use is made of the longing of a small boy, Ian, for a bagpipe to present some scenes from Scotland.

p-i 15 minutes \$1.25

WEST COAST MOUNTAINS OF CANADA (NFBC)

The mountains which form a formidable barrier between the West Coast and the rest of Canada are a prolific source of minerals. The valleys between the ranges provide fertile farming soil, and the vast forests which clothe the mountainside are the basis for the prosperous lumber industry of British Columbia.

i-j-h 15 minutes \$1.25

WHEAT TO BREAD (E)

Pictures primitive methods of making bread—a pioneer grist mill—a modern flour mill—a bakery, showing bread mixing, kneading, steaming, rising, baking.

j-h-c 15 minutes \$1.25

WORK OF UNDERGROUND WATER (FOC)

Presents a study of the geologic work of underground water and the expressions of the result in caves, sink holes, and natural bridges. Springs, artesian wells, and geysers are considered. Animated drawings are extensively used to explain the phenomena.

j-h-c 15 minutes \$1.25

YELLOWSTONE MAGIC (ICS)

In this film we see the most beautiful of our National Parks, the magnificent Yellowstone River Canyon and Old Faithful.

j-h-c 15 minutes \$1.25

YELLOWSTONE NATIONAL PARK (E)

Shows molten lava, obsidian cliffs, hot springs, and mud volcanoes. It illustrates and explains action of geysers, Yellowstone Canyon, and work of the rangers. Bird and animal life are pictured.

i-c 15 minutes \$1.25

YOSEMITE NATIONAL PARK (DL)

Views of well-known peaks—North Dome, El Capitan, Half Dome, and others—are followed by views of mountain lakes, Yosemite falls, and Bridal Veil falls. There are also scenes of winter sports.

general 11 minutes \$1.25

Listing of Producers and Depositors

A	Academy Films	BHG	Better Homes and Gardens
AAER	Air Age Education Research	BIA	Bicycle Institute of America
AAF	Army Air Force	BIS	British Information Service
AAR	Association of American Railroads	BO	Baltimore and Ohio Railroad
AB	Arthur Barr Productions	BRF	Brandon Films
ABS	American Bible Society	BSA	Boy Scouts of America
AC	American Can Company	BSC	Belgard Spers Company
ACFC	Academie Films Company	BU	Paul Burnford Film Productions
ACS	American Cancer Society		
AE	Aetna Life Affiliated Companies	C	Coronet Instructional Films
AF	Artists Films	CA	Carborundum Company
AFC	American Film Company	CAR	Cathedral Releasing Corporation
AFD	Arcade Film Distributors	Castle	Castle Films Div., United World Films
AFF	A. F. Films	CC	Calvin Company
AFP	American Forest Products Industries	CCC	Cinema Craft Company
AFR	American Film Registry	CF	China Films
AFRF	Africa Films	CFC	College Film Center
AGF	Army Ground Forces	CFI	Carnival Films, Incorporated
AGR	Agra Films	CFP	Campus Film Productions
AHA	American Humane Association	CFS	Capital Film Service
AHO	American Hospital Association	CH	The Christophers
AIST	American Institute of Steel Construction	CHC	Chrysler Corporation
AL	Almanac Films	CHU	Frank B. Church Films
ALA	American Library Association	CIO	Congress of Industrial Organizations
ALC	Allis-Chalmers	CO	Cocking
ALT	Audivision Language Teaching	COB	C. O. Baptista Films
AMA	American Mutual Alliance	COF	Cornell Film Co.
ANIB	Australian News and Information Bureau	COFI	Contemporary Films, Incorporated
AP	Audio Productions	CP	Commonwealth Pictures Corporation
APE	American Petroleum Institute	CPP	Central Pictures Productions
API	American Potash Institute	CRC	Calumet Refining Company
ARC	American Red Cross	CRF	Crawley Films
ARCO	Armour and Company	CT	Chicago Tribune
ARCP	Archer Productions	CTFL	Canadian Travel Film Library
ARF	Arcade Films	CU	Columbia University
AS	Alan Shilin Productions	CVE	Catholic Visual Education
ASB	American Society of Bakery Engineers	CW	Churchill-Wexler Film Productions
ASF	Association Films	CWI	Colonial Williamsburg
ASH	American Social Hygiene Association	DEV	H. A. Devry Company
ATB	Arthur T. Brice	DL	Deluxe Laboratories
ATH	Athena Films	DM	Donavin Miller Productions
ATT	American Telephone and Telegraph	DUP	DuPont Chemical Company
AUFC	Audio Film Center		
AVC	American Viscose Corporation	E	Eastman Kodak Company
AVF	Avis Films	EB	Encyclopaedia Britannica Films
		EC	Ethyl Corporation
B	Bray Studios	EFC	Elliot Film Company
BAY	Baylor University	EFLA	Educational Film Library Association
BB	Ball Brothers Company	EMC	Evaporated Milk Company
BBB	Bemis Brothers Bag Company	EP	Edited Pictures
BEF	Business Education Films	EPC	Eastin Pictures Company
BFS	Bailey Film Service	ESF	Educational Sound Films

- F** Frith Films
FBIC Farm Bureau Insurance Company
FC Firestone Company
FCI Film Center, Incorporated
FF Forum Films
FI Films, Incorporated
FMC Ford Motor Company
FOC Films of Commerce
FOF Foster Films
FON Films of the Nations
FOUF Foundation Films
FP Films Productions, Incorporated
FPC Fray Pictures Corporation
FPI Film Publishers, Incorporated
FPS Film Program Services
FSL Film Service Laboratory

G Walter Gutlohn
GA Gateway
GAF Garrison Films
GAN William J. Ganz and Company
GDH Guy D. Haselton
GE General Electric Corporation
GFC General Foods Corporation
GL Greyhound Lines
GM General Motors Corporation
GPP General Pictures Productions
GTI German Tourist Information Office
GYA Gypsum Association

H Harmon Foundation, Incorporated
HC Harding College, Motion Picture Division
HEB Highway Education Board
HFE Hollywood Film Enterprises
HIFS Handicraft Instructional Film Service
HL Hawley-Lord, Incorporated
HNP Heidenkamp Nature Pictures
HOP Hoffberg Productions
HP Hammermill Paper Company
HPA Hollywood Pan-American
HU Harvard University

I Ideal Pictures Corporation
IC International Cellucotton
ICS Institutional Cinema Service
IF Institutional Films
IFB International Film Bureau
IFF International Film Foundation
IFI Instructional Films, Incorporated
IG International Geographic Pictures
IHI International Harvester Company
IISA Illinois High School Association
IIAA Institute of Inter-American Affairs
ILI Institute of Life Insurance
ILU Indiana Limestone Institute
ISU Iowa State University
IU Indiana University

JH Jam Handy Organization
JHP Johnson Hunt Productions

KB Knowledge Builders
KF Kraft Foods
KRUSE Charles C. Kruse

M Mahnke
MCC Mallinckradt Chemical Company
McGH McGraw-Hill Book Company, Text-Film Dept.
MCS Mercer Country Schools, W. Va.
ME Modern Equipment Company
MF Medical Films
MFC Melville Film Corporation
MGM Metro-Goldwyn Mayer
MLI Metropolitan Life Insurance Company
MMA Museum of Modern Art Film Library
MO Moulin and Associates
MOT March of Time-Forum Films
MTP Modern Talking Pictures

N Northol
NA Nu-Art Films
NAM National Association of Manufacturers
NAWD National Association of Waste Metal Dealers
NBFU National Board of Fire Underwriters
NCCJ National College of Christians and Jews
NCDPI North Carolina Department of Public Instructions
NEA National Education Association
NESC Newark Safety Council
NFA National Fertilizer Association
NFBC National Film Board of Canada
NMC Nashua Manufacturing Company
NMCM National Music Camp, University of Michigan
NMHI National Mental Health Foundation
NMP National Motion Picture Company
NPC National Probation and Parole Association
NPR National Pacific Railway
NSB National Soybean Crop Improvement Council
NSC National Safety Council
NSPB National Society for the Prevention of Blindness
NWLA National Wild Life Association
NYC New York Central Railroad
NYSYC New York State Youth Commission
NYU New York University
NYZ New York Zoological Society
NZNFU New Zealand National Film Unit

OF Official Films
OIAA Office of Inter-American Affairs
OSFS Official Sports Film Service
OSU Ohio State University
OTT Ott Films
OWI Office of War Information

P Paramount Pictures
PAA Pan-American Airlines
PAV Pan American Union

PB Pocket Books
PC Patheoscope Company
PCA Portland Cement Association
PE Perry-Mansfield
PF Pictorial Films
PHP Paul Hoefer Productions
PO Post
POR Portafilms
PP Purinton Pictures
PPC Phillips Petroleum Company
PRP Progressive Pictures
PSC Pennsylvania State College
PSCNI Public Service Company of Northern Illinois
PTC Plomb Tool Company

R Riethof Productions
RAY Reid H. Ray Film Industries
RFA Religious Film Association
RH Richard Hudnut
RKO RKO-Radio Pictures
RO Robbin

S Sinclair Refining Company
SBL South Bend Lathe Works
SCW State College of Washington
SD Sid Davis Productions
SEF Seminar Films
SF Sterling Films, Incorporated
SFC Scientific Film Company
SI Sugar Information, Incorporated
16mmP 16 millimeter Pictures
SM Simmel-Meservey
SOC Shell Oil Company
SPMIC St. Paul-Mercury Indemnity Company
SSA Social Security Administration
SSI Smith-Surey, Incorporated
STI Stout Institute
STM Stuart Mitchell
STO Standard Oil Company
SU Syracuse University
SW Swank Motion Pictures

T Transfilm Incorporated
TBFL Tea Bureau Film Library
TC Teachers College, Columbia University
TCA Tanners Council of America
TEX Texas Company

TFC Teaching Film Custodians
TOM Tompkins Films
TWA Transcontinental and Western Air Lines

UC University of California
UDA United Duroc Association
UFC United Fruit Company
UI University of Illinois
UIO University of Iowa
UK University of Kansas
UM University of Minnesota
UMI University of Michigan
UND Underwood Corporation
UNE University of Nebraska
UNFD United Nations Film Division
UO University of Oregon
UOK University of Oklahoma
USAF United States Air Force
USBM United States Bureau of Mines
USDA United States Department of Agriculture
USDC United States Department of Commerce
USDI United States Department of Interior
USDS United States Department of State
USI United Specialists Incorporated
USN United States Navy
USOE United States Office of Education
USRC United States Rubber Company
USSC United States Signal Corps
UUH Urbana, Illinois, University High School
UW United World Films
UWI University of Wisconsin

V The Vernard Organization
VCD Virginia Conservation and Development
VF Viking Films
VGF Vocational Guidance Films

WB Warner Brothers
WHI John and James Whitney
WI Westor Institute
WLF Wild Life Films
WPP Wilding Picture Productions
WU Wayne University

YA Young America Films
YMCA YMCA Films
YPC Yosemite Park and Curry Company

Transcriptions and Recordings

Transcriptions and recordings are loaned in accordance with the policy applying to films. See pages 7-12.

Fees: The single title handling charges on all of the following records will be \$1.00 for the first subject booked and 50¢ for each additional subject included in the same shipment. It will be noted that in some instances there are two titles to one disc. In such cases the one handling charge covers both subjects.

WAKE UP AMERICA SERIES

Can Free Enterprise Carry the Postwar Load?
Can Our Manpower Problem Be Solved Through Voluntary Cooperation?
Can the People Have a Voice in Rationing?
Can We Head Off Serious Inflation?
Canada and the U.S. in the Postwar World.
Does the Profit System Penalize the Worker?
From the Cradle to the Grave
How Can America Solve Its Manpower Shortage?
How Can We Solve the Shipping Crisis?
Is a Second Front Practical at This Time?
Is Business Making Too Much Money Out of the War?
Is Civilian Morale Retarding Victory?
Is Effective Revolt Likely in Occupied Europe?
Is Our Silver Policy Sound?
Is Washington Overregulating War Industries?
Must Civilians Be Drafted for War Work?
The Place of Government Planning in Postwar Prosperity
Should American Youth Support the Re-establishment After the War of Competitive Enterprise as Our Economic System?
Should Collective Bargaining Include Factory Foremen?
Should Congress Assume More Responsibility in Domestic Affairs and Planning for Peace?
Should the People Have More Voice in the Conduct of the War?
Should the Present Draft Laws Be Revised?

Should We Draft Boys of Eighteen?
What Is the War Doing to Our Colleges?
What Kind of an America Are We Fighting For?
What Should Be Done About Last Year's Income Tax Assessments?
What Should We Do with Conquered Germany?
What Should We Do with Conquered Japan?
What Stands in the Way of High Wages?
What Would Jefferson Do Today?
Will There Be Enough Food?
Would Freedom from Want Create a Better World?
Would Immediate Freedom for India Hasten or Retard Victory?
Would a Planned Economy Destroy Our Two Party System?
Would a Supreme Command for the United Nations Be Desirable?

ILLINOIS MARCH OF HEALTH SERIES

Vital Statistics
Typhoid Fever
Swimming Pool Sanitation
Wartime Public Health Activities
Infantile Paralysis — Unseen Enemy
Cancer Control
Infantile Paralysis
Roentgen Ray
Degenerative Diseases
Sight Saving
Maternal Health
Smallpox
Whooping Cough
Diphtheria
Dental Hygiene
Nutrition
Safe Milk
Child Guidance
Social Hygiene Progress
Controlling Pneumonia

Diabetes
 Appendicitis
 Tuberculosis
 Food for Defense

Marriage Law
 Silver Nitrate

Safe Drinking Water
 The Common Cold

Illinois Blood Plasma Program
 Discovery of Insulin for Diabetes

Heredity
 Heart Disease

Trailer Camp Sanitation
 Story of Pastur and Rabies

Nutrition
 Pneumonia

Tuberculosis
 Social Hygiene

Typhoid Fever
 Maternal Health

Dental Hygiene
 Vision Conservation

Undulant Fever
 Diphtheria

LEST WE FORGET — SERIES NO. II

A Woman's Concept of Liberty
 The Gentle Quaker
 Triumph of Reason over Witchcraft
 "Poor Richard" Makes Good
 He Fought with His Pen
 Farmer, Executive and Father of His Country

Idol of the Backwoodsmen
 Father of the American Navy

Law in a Democracy
 Birth of the Little Red School-House

Blazing the Westward Trail
 Democracy Comes of Age

The Blue and the Gray
 Democracy in Literature

"Go West, Young Man!"
 The Little Red School-House Grows Up

"Woodman, Spare That Tree!"
 For Them We Build
 ". . . With Liberty and Justice for All"
 Death to the Microbe!

Speech on Wings
 Land of the Free, Home of the Brave

LEST WE FORGET — DEMOCRACY IS OUR WAY OF LIFE — SERIES NO. III

Democracy Is Our Way of Life
 Democracy Can Be Betrayed
 The Rights of Citizenship
 The Duties of Citizenship
 The Party "Regular" versus the "Independent"
 Democracy Advances
 The Early Meaning of Democracy
 Increasing Complexity Brings Increasing Regulation

Democracy in the Schools
 Democracy and Adult Education

Democracy and Health
 Religion in a Democracy

Democracy and the Farmer
 Democracy in Industry

Toward the Common Good
 Property Rights in a Democracy

Women in a Democracy
 Democracy and Radio

Democracy and Preparedness
 Democracy in War-Time

The Ideal Persists
 The Methods of Democracy

What Price Vigilance?
 The Victory of Democracy

LEST WE FORGET — "OUR CONSTITUTION" SERIES NO. IV

Unfurling Freedom's Standard
 The Mayflower Compact

We Declare Our Independence
 Articles of Confederation

From Chaos Toward Unity
 The Virginia Plan

Government by the People
Democracy Goes into Action

The Bill of Rights
Freedom of Speech

Freedom of Assembly
Freedom of Press

Freedom of Religion
Life, Liberty, and Property

Democratic Procedures Extended
By the Will of the People

Guardians of Our Constitution
Justice Conquers Prejudice

Public Office Is a Public Trust
Government for the People

Law and Order
Elected to Serve

The Monroe Doctrine
Without Due Process of Law

The Good Ship "Constitution"
Defending Our Constitution

LEST WE FORGET — A BETTER WORLD FOR YOUTH — SERIES NO. V

Youth Must Be Free
Educating Youth for Democracy

Freedom of Endeavor
Youth and Freedom of Religion

Soldiers of Hate or Defenders of Democracy
Youth in the Home

Vocation for Youth
Young Women Play Their Part

Youth in the Armed Forces
Free Political Thinking

Propaganda vs. Truth
Youth Has Rights and Responsibilities

Youth Faces the Future
I Am an American

LEST WE FORGET — "AMERICA DETERMINES HER DESTINY" — SERIES NO. VI

Two Worlds in Conflict
The Fascist International

Hymns of Hate
Lies for Destruction

The Fine Art of Sabotage
Poison for the Campus

Freedom of Thought
Equal Justice for All

The Right to Be Free
Infection from Berlin

Diplomatic Spiderwebs
Pipelines of Hate

Divide and Conquer
"Hate Thy Neighbor"

Hitler's Unpaid Helpers
A Nation Can Be Destroyed

Truth Will Keep Us Free
The 7th of December

All Battlefronts Are One
This Is Everybody's War

We Have to Win
United We Stand

The People Are on the March
Prelude to Defeat

We Know What We Want
We Will Get What We Want

LEST WE FORGET — ETERNAL VIGILANCE IS THE PRICE OF LIBERTY — SERIES NO. VII

Eternal Vigilance Against Tyranny
Eternal Vigilance in the Community

Eternal Vigilance in the Schools
Eternal Vigilance in the Factory

Eternal Vigilance in Business
Eternal Vigilance in the Home

Eternal Vigilance in Religion
Eternal Vigilance in the Courts

Eternal Vigilance in Government
Eternal Vigilance in Organizations

Eternal Vigilance Against Rumors
Eternal Vigilance for New Truths

Eternal Vigilance Among War Veterans
I Am an American

LEST WE FORGET — OUR NATION'S SHRINES SERIES NO. VIII

The Unknown Soldier
Plymouth Rock

St. Paul's Church
 Faneuil Hall
 Bunker Hill
 Independence Hall
 Mount Vernon
 Jefferson Memorial
 Lincoln Memorial
 Statue of Liberty
 The White House
 The Capitol
 The Flag
 I Am an American

**LEST WE FORGET — ONE NATION INDIVISIBLE
 SERIES NO. IX**

Bombs Away!
 So They Might Live
 Pipeline U. S. A.
 Danger — Men at Work
 You Own Tomorrow
 Victory on Main Street
 It All Began with a Lie
 Count Five
 Out of Depths
 Making of a Hero
 We Fight for Peace
 Liberty Ship
 State of the Union
 Freedom Unlimited

**LEST WE FORGET — THESE GREAT AMERICANS
 SERIES NO. X**

George W. Norris
 Joseph Pulitzer
 Franz Baas
 Samuel Gompers
 Woodrow Wilson
 Franklin D. Roosevelt
 Wendell Willkie
 Dr. Joseph Goldberger
 Jane Addams
 Justice Brandeis and Holmes
 George Washington Carver
 Al Smith

ADVENTURES IN RESEARCH

Roentgen — Discovery of X-Ray
 Wakeless Torpedoes
 William Henry Perkin
 Transcriptions
 Wonder Worker
 Accidental Discovery
 Time Capsule
 Television
 Story of Electron
 Electronic Tube
 Electronics in Communication
 Electronics in Transportation
 Electronics in Industry
 Electronics in Health and Personal Enjoyment
 King of Clocks
 Paper Invention That Worked

HOW CAN WE MAKE THE VICTORY STICK?

German Plan for Beating Defeat
 What War Criminals Should Be Punished?
 Can Germany Be Successfully Disarmed?
 What Reparations Shall Germany Pay?
 Victory Is Not Enough
 Why Did Japan Run Amuck?
 Shall We Support the Japanese Emperor?
 What Reforms in Japan Are Fundamental?
 Can China Achieve Democracy?
 Can the Colonial Empires Be Maintained?
 Why Does Russia Distrust the West?
 What Does Russia Want?
 Can We Cooperate with Soviet Russia?
 How Can Germany Be Kept Peaceable?
 Is Fascism a Continuing Danger?
 Will the United Nations Organization Bring Peace?
 Shall Germany and Japan Be Dismembered?
 How Long Shall Germany Be Occupied?
 How Can Japan Be Kept Harmless?
 How Shall the Peace Be Made?
 Can the Senate Amend the Peace Treaties?
 What Was Wrong with the League of Nations?
 Can a Revised League of Nations Succeed?
 What Are the Main Issues?
 Must We Have World War III and IV?

BEYOND VICTORY

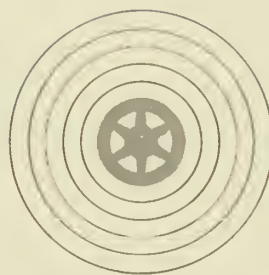
World of the Air Age
 A Scientist Looks at Atomic Energy
 Atomic Power Plants of the Future
 Inside the Atom
 The Atom — Challenge to Science
 United Nations Assembly Meets
 Issues That Face the United Nations
 A Review of the United Nations Organization
 The United Nations and Special Agencies
 Can the U.N.O. Protect Human Rights?
 The Hardships of Victory — England Today
 Russia and the United States
 Can We Understand Each Other?
 France — Our Ally in War and Peace
 Life in China Today
 Anglo-American Trade Relations
 What World Trade Means to You
 Report on the Children of Europe
 Security Council Faces Its Task
 American Prosperity and Foreign Trade
 A Scientist Looks at Atomic Energy
 Inside the Atom
 Planning an International Trade Organization
 They Burned the Books
 Shall India Starve?
 Famine Relief and Your Hope of Peace
 International Commerce and the United Nations
 World of the Air Age
 Central Europe

Japan, an Arrested Power
 Resources of Brazil and Argentina
 Planning Neighborhoods
 Trends in American Architecture
 Principles of Modern Design
 Curtain Rises on the Paris Peace Conference
 Preserving Human Rights in the Peace
 Contrasting Peace Conferences 1919 and 1946

STATE SPEECH FINALS

Verse Speaking, 1948 — "Lincoln, the Man"
 Comedy Reading, 1948 — "The Proposal"
 Extempore Speaking, 1948 — "Control of Atomic Energy"
 Oratorical Declamation, 1948
 Original Oration, 1948 — "One America"
 Serious Reading, 1948 — "Ethan Frome"
 Comedy Reading, 1949 — "Old Fashioned Christmas"
 Extempore Speaking, 1949 — "Can the U.N. Prevent War?"
 Oratorical Declamation, 1949 — "While Rome Burns"
 Original Oration, 1949 — "Redeal"
 Serious Reading, 1949 — "When Anna Was Eight Years Old"
 Verse Speaking, 1949 — "Three Pieces of Night Over the City"
 Speech No. 1, 1950
 Speech No. 2, 1950
 Speech No. 3, 1950
 Speech No. 4, 1950
 Speech No. 5, 1950
 Speech No. 6, 1950

Tapes for Teaching



INTRODUCTION

With this listing of tape recordings, the Audio-Visual Aids Service heralds the rapid growth of the newest branch of our teaching aids program.

The tape titles are grouped by subject-matter headings, and at the beginning of each list we have attempted to suggest some possible uses for the titles, and to indicate the general nature of the tapes in the series.

Following are a few general instructions for ordering tapes. In general, we recommend the same mailing procedures as are followed with regard to our film shipments. In other words, parcel post is recommended for most instances. The Audio-Visual Aids Service will pay postage one way. Insuring each shipment is unnecessary. Mail service is usually excellent, and almost no shipments are lost. The ease of duplicating any lost tapes also minimizes the need for insurance.

We feel that the wide selection of tapes in the catalog will be sufficient to fit almost all of your needs. If you are interested in a subject, or a particular phase of a subject, for which you find no tape recording listed, please feel free to make inquiry to us about it. Your comments and suggestions will be welcome.

We wish to acknowledge our debt to the Minnesota State Department of Education, which has been extremely courteous and helpful in the establishment of this program.

GENERAL INSTRUCTIONS

When sending for tapes, please include:

1. Code no. and letter.
2. Title of the recording.
3. Speed at which your equipment operates — if speed is not known send the make and model no. of the machine.
4. Send a blank tape the proper size or advise that you wish to secure tape from us.

We can record your program at 15", 7½", 3¾", or 1½" per sec. We must know the operating speed of your equipment to give you good tape service.

If you wish to secure tapes from us, we will send them to you with your programs recorded. The price will be the same as at retail outlets.

Tape recording manufacturers have made the "A" wind, oxide on the inside, the standard wind. If your machine is different, please state this in your order for tapes.

The service charge is \$1.00 for each fifteen minutes of recording. This includes postage one way.

Address requests for information and service to:

School-Tape-Recording Unit
Audio-Visual Aids Service
Division of University Extension
University of Illinois
Champaign, Illinois

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JOURNEYS IN ART

These programs were prepared by the Minneapolis Institute of Art and broadcast over KUOM, University of Minnesota as the Journeys in Art series, a part of the Minnesota School of the Air. They have been recommended for grades 4-5-6.

All tapes are 15 minutes in length.

CODE TITLE

- A3 The Story of Lighting
- A4 A Smorgasbord in Old Sweden
- A5 An Elizabethan Manor House
- A6 The Hour Glass and the Clock
- A7 A French King's Picture Album
- A8 A French Cartoonist Looks at Science
- A9 A Day in Paris
- A10 River Trip in Holland
- A11 The Dutch Merchants Capture the China Trade
- A12 A Medieval Voyage
- A13 Old Masters and Apprentices
- A14 The Gutenberg Bible
- A15 Pistols in History
- A16 Venetian Holiday
- A17 Nero's Rome
- A18 A Greek Goddess
- A19 Nile River Journey
- A20 The Story of Paper
- A21 Persian Horses and Riders
- A22 A Chinese Owl
- A23 Buddha
- A24 Chinese Poem to a Plum Tree
- A25 A Pilgrimage in Japan
- A26 A Visit to the South Seas
- A27 Peruvian Parrots and Pots
- A28 A Forbidden Mexican Dance
- A29 The Discovery in Mimbres, New Mexico
- A30 On a Minnesota Farm

This series is designed to develop a deeper cultural appreciation in school children through the examination of the outstanding work of famous artists and craftsmen. Written by Catherine Hanley, based upon the research work of Penny Egan.

- A31 The Story of Old Ironsides
- A32 A London Studio
- A33 The Story of a Norwegian Tapestry
- A34 Dinner for a Queen
- A35 A Visit to a Country House in England
- A36 Watermills and Windmills
- A37 Pictures from a Super Market
- A38 A Fair in Nuremberg
- A39 A Medieval Church
- A40 An 18th Century Party
- A41 The Home of a Modern Master
- A42 The Portrait Painter
- A43 A Christmas Present
- A44 A Wedding in Florence
- A45 Monuments in History
- A46 A Greek Helmet
- A47 Explorers into the Past
- A48 Black Hills Holiday
- A49 A Trip on the Nile
- A50 Palace of a Mighty King
- A51 Persian Caravan
- A52 A Persian Fairy Tale
- A53 A Visit to Kashmir

- A54 A Chinese Home
- A55 A Chinese Water Buffalo
- A56 A Japanese Pet
- A57 Mid-April in '75
- A58 A Man of the Andes
- A59 Mexico Before Columbus
- A60 Glassmaking in the Colonies
- A61 A Buffalo Hunt on the Plains
- A62 The Great Mesabi

VOCATIONAL AGRICULTURE AND ON-THE-FARM TRAINING

The materials listed below are available for teaching agriculture. These programs have been requested by teachers in the field for use in their classes. They have all been broadcast over KUOM, University of Minnesota or other radio stations, and are now available from the Audio-Visual Aids Service, University of Illinois.

All tapes are 15 minutes in length unless otherwise specified.

CODE TITLE

- AG1 Frontier-1949 (UR) — (Conservation of fertility of soil)
- AG3 County Agent — Minnesota's No. 1 Troublshooter (Day's typical assignment described)
- AG4 The University and the Farmer's Wife (Describes work of the demonstration agents)
- AG5 Gary Wegand's Interview of National FFA Officers — 30 minutes
- AG11 The Poultry Situation
- AG12 Spring Soil Conservation Practices
- AG13 Care and Management of Baby Chicks
- AG14 Lightning — Facts and Fancies
- AG15 Planting Small Fruits
- AG16 Spring Fire Hazards
- AG19 Corn — Varieties and Culture
- AG20 Sheep — Care and Management
- AG21 Spraying Fruit Trees for Disease Control
- AG22 Pastures and Animal Health
- AG23 Summer Soil Conservation Practices
- AG24 Factors Affecting Milk Flavor
- AG25 Treating Wood for Use in Gardening
- AG26 Bigger Returns from Hog Pastures
- AG28 Control of Canada Thistle
- AG29 Tips on Range Management
- AG30 Value and Use of Farm Manure
- AG31 Summer Dairy Problems
- AG33 Our Breeding Flock of Sheep
- AG34 Noxious Weeds and Their Control
- AG35 Dairy Barn Ventilation — Why and How
- AG36 Artificial Insemination
- AG37 Problems in Painting Wood Structures
- AG38 Dairy Cattle on Pasture
- AG39 Distribution of Foundation Seedstocks
- AG40 Care of Beef Cattle During Fly Time

AG41 High Quality Hay Can Take the Place of Other Grains in Cattle Feeding
 AG42 Early Cut Hay Will Produce More Milk from Cows than Late Cut Hay
 AG43 How Early Should Hay Be Cut?
 AG44 How to Prevent Spoilage of Early Cut Hay Because of Weather
 AG45 What Kind of Silo Should You Have for Hay Silage?
 AG46 The Pasture Situation
 AG47 Inheritance in Dairy Cattle I — What part does it play in economic dairy production?
 AG48 Inheritance in Dairy Cattle II
 AG49 Inheritance in Dairy Cattle III
 AG50 Inheritance in Dairy Cattle IV — Color Inheritance
 AG51 Inheritance in Dairy Cattle V — Udders and Milking
 AG52 Inheritance in Dairy Cattle VI — Behavior Patterns of Cattle
 AG53 Inheritance in Dairy Cattle VII — Experiments with Identical Twins
 AG54 The Effect of Drouth and Cold on Corn and Pasture
 AG55 Salvaging Corn Crops I
 AG56 Salvaging Corn Crops II
 AG57 Problems of Calving I — Introduction
 AG58 Problems of Calving II — How to Feed Following Calves
 AG59 Problems of Calving III — Milking Out Freshened Cows
 AG60 Problems of Calving IV — Chief Causes for Death Among Calves
 AG61 Problems of Calving V — Microbes in the Rumen
 AG62 Problems of Calving VI — Cud Transfer
 AG63 Problems of Calving VII — Pre-Milking
 AG64 Ceilings on Dairy Production I — Statistics on Production Levels
 AG65 Ceilings on Dairy Production II — Improper Milking A
 AG66 Ceilings on Dairy Production III — Improper Milking B
 AG67 Ceilings on Dairy Production IV — Disease
 AG68 Dairy Herd Improvement Association Work
 AG69 Feeder Cattle
 AG70 Runny Nose Disease in Pigs
 AG71 Selecting Boars and Rams
 AG72 Dairy Problems
 AG73 Soil Conservation
 AG74 Looking Ahead in Agricultural Education
 AG75 Turkey Diseases
 AG76 Mastitis
 AG77 Forestry in Korea
 AG79 Your Agricultural Experiment Station
 AG80 The Race 15 B Menace
 AG81 The Ring Test Spots Brucellosis
 AG82 Twins Give New Dairy Ideas

AG84 Faster Milking
 AG85 Labor Saving in Barns
 AG86 Prevent Anemia in Pigs
 AG87 Soils Laboratory Findings
 AG88 The Antibiotic Story
 AG89 Fruits for Tomorrow
 AG90 Pasture Studies with Beef Cattle
 AG91 Fighting the Corn Borer
 AG92 Look Ahead to 1952 Prices and Crops
 AG97 Hoof and Mouth Disease
 AG98 Swine Breeding 1952 Style
 AG99 Let's Get Personal — What Is the Value of the Human Life?
 AG100 Recent Developments in Poultry Feeding and Management — Part I — 30 minutes
 Part II — 30 minutes
 AG101 New Developments in Swine Production — 30 minutes
 AG102 New Plan for Certified Seed Production in Minnesota — 30 minutes

TAPE RECORDINGS FOR ELDERLY PEOPLE

The following tapes are for work with the ever increasing number of older people. The programs, for and about aging people, cover many of their problems. The University of Michigan Extension Service conducted a research program concerning this group of our population. The following series, "Living in the Later Years," was the result of this fine work.

All tapes are 15 minutes in length.

CODE	TITLE
AGE 1	Recommended Reading for Older People
AGE 2	Older People Can Enjoy Sports
AGE 3	National Aspects of the Aging Problem
AGE 4	Psychological Aging
AGE 5	Successful Retirement
AGE 6	Nutritional Needs of Older People
AGE 7	Gardening for Older People
AGE 8	Books on Aging

CONSERVATION

FOLLOWING CONSERVATION TRAILS GRADES 4 THROUGH 8

The mystery and magic of the Great Outdoors are brought into the classroom by our Wilderness Guide, Nat Hammond, who emphasizes man's careful use of our God-given natural resources. These programs are designed for upper elementary and Junior High use.

All tapes are 15 minutes in length.

CODE	TITLE
C13	The Living Earth — Importance of soil, water, vegetation, and wild life as the foundation of living
C14	From a Far Country — Tape story of Minnesota's upland game birds

- C15 Class Seven Day — Re-forestation and fire prevention
- C16 Land Locked — Conservation endeavors to have a balance of fish life
- C17 Unmarked Highways — Ducks and geese along the flyway
- C18 Marsh Land Homes — Winter homes of the fur bearers
- C19 Cradle of Rivers — Following the Wilderness Trail in Itasca State Park
- C20 Lode Stone — The iron mines of the Mesabi
- C21 Man Made Menace — Cleaning Minnesota's polluted waters
- C22 As the Twig Is Bent — Learning to appreciate our wild life friends
- C23 White Trails — How wild life lives in the winter
- C24 Thunder 'ov Mesabi — Minnesota's mineral wealth
- C26 Blizzard's Harvest — Winter game cover and wild life survival
- C27 Bread for Tomorrow — State tree farm program
- C28 Four-Footed Fury — How nature maintains a balance
- C29 They Need Not Perish — The living room for Minnesota's game birds
- C30 Dragon Seed — Controlling White Pine blister rust
- C31 Brush Land — The restoration of brush land areas and a visit to St. Croix State Park
- C32 Watershed — Problem of maintaining ample water supplies
- C33 Smoke Chasers — The work of Minnesota's forest fire prevention service
- C34 Genii of the Green World — Stream improvement and its importance
- C35 From Pine Cone to Seedling — Re-forestation and tree planting
- C36 Magic of the Underwater World — How fish obtain their food and maintain a balance
- C37 With Pack Sack and Paddle — Following a wilderness trail in the Quetico Superior Wilderness Area
- C38 Small Fry — Keeping fishing good through good conservation practices
- C39 Cane Pole Harvest — Fishing and recreation
- C40 Rainbow's End — Conservation opportunities
- C41 Friends of the Land — Working together to bring conservation to our land
- C42 Strangers in the Land
- C43 Glacial Heritage
- C44 The Dance of Death
- C45 Trigger Happy
- C46 Smoke Chasers
- C47 Underground Treasure
- C48 Stewards of the Wild
- C49 Leaves from Nature's Story Book
- C50 Harvest of the Wild Wind
- C51 Conservation vs. Folly
- C52 Browse Line
- C53 Plowland Folly
- C54 Sleeping Giant
- C55 Stump Land
- C56 Browse Land Harvest
- C57 Bounty of the Timber Harvest
- C58 Wings for Tomorrow
- C59 Bounty of the Underwater World
- C60 Cut Over Land
- C61 Spawn of the Spring Floods
- C62 Red Mineral of Might
- C63 Flotsam
- C64 Crows Nest
- C65 Springtime Heralds
- C66 Blazed Trails
- C67 Fertile Waters
- C68 Nature's Wonderland
- C69 Roots in the Land
- C70 Vacation Days Are Calling
- C71 Magic of the Green World
- C72 Old MacDonald's Folly
- C73 On the Firing Line
- C74 Ringnecks
- C75 Marshland Bounty
- C76 Mother Hubbard's Cupboard
- C77 Unmarked Highway
- C78 Plowland Magic
- C79 Woodland Adventures
- C80 Nature in the Balance
- C81 Beneath the Snow of Winter
- C82 Bounty of the Green Harvest
- C83 Nature's Partners
- C84 Forgotten Trails
- C85 White Harvest
- C86 From Iron Mine to Blast Furnace
- C87 Stories Told by the Hills
- C88 Sanctuary
- C89 Fish Scale Legends
- C90 Reincarnation of Paul Bunyan
- C91 Wings O'er the Marshland
- C92 Slashpile Menace
- C93 Forgotten Acres
- C94 Watershed
- C95 Mineral Magic
- C96 The Green Miracle
- C97 Fisherman's Luck
- C98 Horizons of Tomorrow

EXPLORERS OF THE WILD

National Audubon Society

- C99 Bird Watching — John Kieran, amateur naturalist, author of *An Introduction to Birds*
- C100 Vanishing Species — Kenneth Morrison, editor of *Audubon Magazine*
- C101 Hibernation — John Terres, managing editor of *Audubon Magazine*
- C102 How to Know the Birds — Roger Tory Peterson, author of *Field Guide to the Birds*, artist, wildlife photographer

- C103 **Animals at Night**—Howard Cleaves, wildlife photographer specializing in night photography
- C104 **"Nature's Ways"**—Dr. Roy Chapman Andrews, explorer and author
- C105 **Audubon as a Portrait**—Theodore Rousear, art critic, Metropolitan Museum of Art
- C106 **Swamps and Marshes**—Stanley O. Grierson, naturalist, lecturer
- C107 **Painting the Ivory Bills**—Don Eckelberry, artist and bird illustrator
- C108 **Waterfowl Collection**—Dr. Dillon Ripley, associate curator, Peabody Museum, Yale University
- C109 **Saving Our Natural Resources**—Richard Pough, coordinator of conservation for American Museum of Natural History
- C110 **Learning to Know the Birds by Their Song**—Aretas Saunders, author of *Field Guide to Bird Songs*
- C111 **What Audubon Junior Clubs Are Doing**—Dorothy Treat, director of Audubon Junior Clubs
- C112 **Keeping America Green** (Upper Grades and Junior High)—Mike, a junior high boy, had a journalism assignment which called for a story on Conservation. He called on a ranger who told him about forest fire losses each year. Mike wrote an exciting story and felt he had contributed something toward keeping America green.
- C113 **Mr. Tree** (Middle and Upper Grades)—Mr. Tree tells about his life in the forest and how he always wanted to go to the City for a new life. The story then goes on to tell about all the things that were made out of Mr. Tree, thus helping him realize his ambition.
- C114 **Paper Making**—In the year 1719, a person observed that a wasp made a nest out of wood that he had chewed up himself. It gave that person the idea that pulverized wood might be used for paper. This story describes the present day treatment of wood to make paper.

CHILD DEVELOPMENT

The following discussions, which concern Child Growth and Development, have been prepared under the direction of the Parent Education Department, of the Institute of Child Welfare, University of Minnesota, with the cooperation of Station KUOM and the Minnesota Department of Education. Each discussion is available in two forms—a fifteen minute tape designed primarily for use by radio stations, and a thirty minute tape designed for use by Parent-Teacher Associations and other adult education groups. Both the short and the long tapes are also suitable for classroom units on child and family problems.

Cornell University contributed programs CD35-CD68. The material was prepared by Russell Smart, Professor of Child Development, Nita Albers, Department of Extension Teaching, and others.

CD1(15') CD2(30') **Discipline:** What is meant by discipline? What are some constructive ways to discipline? How does discipline affect children's behavior?

CD3(15') CD4(30') **Emotional Stability:** Are emotions desirable? How do emotions develop? How can emotions be controlled in children? In adults?

CD5(15') CD6(30') **Problems of Adolescence:** What is the pattern of adolescent growth? Why is emancipation necessary? Can adolescents be brought to take responsibility?

CD7(15') CD8(30') **Stories for Children:** What are the differences in story preferences at various age levels? What are the values of story telling? How can good stories be selected? Examples of effective story telling are included.

CD9(15') CD10(30') **Toys for Children:** What are helpful suggestions in the purchase of toys? What factors in toy construction should be considered? How does the development of the child affect his choice of toys? How can parents select toys wisely?

CD11(15') CD12(30') **Normal Development and Maturity:** What does "Normal" mean? How can we aid children to attain maturity?

CD13(15') CD14(30') **Heredity and Environment:** How do these factors work together in human development? What limits are imposed by heredity? How can stimulating environments be set up?

CD15(15') CD16(30') **Intelligence and Development:** How do children grow in intelligence? What do intelligence tests mean? What are the special problems of children who are below average and above average in intelligence?

CD17(15') CD18(30') **The Father's Role in the Family:** What is the father's role? How can he help his sons and daughters? How can the father participate more effectively in family life?

CD19(15') CD20(30') **Basic Habit Training:** How can feeding, sleep, and toilet training be made easier for the child and for the parents? How can the child be brought to good habits?

CD21(15') CD22(30') **Development of Responsibility:** What is meant by responsibility? How are good work habits and effective citizenship developed in children?

CD23(15') CD24(30') **Learning to Use Money:** What are the typical problems in a child's handling of money? How can he be taught the value of money? How is an allowance to be planned?

CD25(15') CD26(30') **Interests and Social Development:** How do interests change with age? How can social participation be encouraged? How can leadership be developed?

CD27(15') CD28(30') **Promoting Interest in School:** How can the parent help the young child to like school? What problems concerning interest in school arise in older children?

CD29(15') CD30(30') **Helping the Handicapped Child:** How may a handicapped child's emotional development differ from that of the typical child? How can the parent be of special help? What aids can be used and what is their function?

CD31(15') CD32(30') **Delinquency and Adjustment:** What are signs of pre-delinquency? What are some of the causes of delinquency? How may difficulties be met? How can badly adjusted children be helped?

CD33(15') **Understanding Mental Deficiency:** How can standardized tests be used? What effect does inheritance have on mental deficiency? How does injury or disease affect mentality?

CD34(30') **Home Discipline:** Dr. John Anderson, Institute of Child Welfare.

CD35(15') **The Self-Demand Care for Infants:** Discussion of the self-demand type of care for infants.

CD36(9') **Allowance for Youngsters:** Some things to consider in deciding how much allowance to give a child. What children learn from having money to spend.

CD37(9') **Family Recreation:** Some of the whys and hows of doing things together as a family group.

CD38(10') **Growing Up Is Serious Business:** Some of the ways in which adolescents and their parents can see the other's point of view.

CD39(11') **A Place to Grow:** Some ways in which parents can help their children to arrive at self-discipline.

CD40(10') **Decisions on Dating:** Problems facing adolescents and parents.

CD41(11') **Age of Adventure:** Suggests some ways which may help parents to understand their pre-adolescent children.

CD42(10') **Your Child in the Community:** Discusses the difficulty that may arise when youngsters take part in so many activities that they have little time for relaxation and no time to be with their families.

CD43(13') **Toys Where They Belong:** Some things that parents can do.

CD44(9') **Sex Education:** About sex play and masturbation.

CD45(10') **Sex Education:** Preparation for adolescence, ways in which parents can help their children understand and accept the physical changes of adolescence.

CD46(11') **Eating Out with Children:** An example of a mother and her two children ordering a meal in a restaurant. The second part of this talk points out why a good start was made on a pleasant meal.

CD47(9') **Parents Have Homework, Too:** Some of the things that parents can do to further good home-school relationships.

CD48(11') **Doctors, Dentists, and Children:** Some ways that parents can help their children accept medical treatments.

CD49(9') **When Children Say "No":** Discusses some of the reasons for "negativism" in youngsters and some of the ways in which parents can shorten "the negative stage."

CD50(10') **Children in Church:** Some things to think about in relation to children's attendance at church services.

CD51(12') **When Children Ask Questions:** Some of the things parents can do when their children bombard them with questions that need answers.

CD52(16') **But Mom—You're Old Fashioned.**

CD53(12') **How Shall I Choose My Mate:** Points out, through discussion of an actual case, some general points to consider in choosing a mate.

CD54(11') **Speaking of Bad Language:** Gives reasons why children and adolescents use bad language.

CD55(9') **Pets in the House:** What kinds are suitable for different age levels, and the kinds of learning which pets can bring to children.

CD56(9') **Children Need Freedom of Activity:** How parents can provide opportunities for children to run around and work off their great quantities of energy.

CD57(9') **Happy Vacation:** Helpful suggestions on making school vacation less hectic for mothers and more fun for the children.

CD58(10') **On Being at the Top of the Class:** Another way of looking at competition for school grades—de-emphasizing competition and stressing cooperation.

CD59(9') **It's Human to Get Frightened:** Offers a better understanding of "fear" and how it affects our lives: amazingly enough, it's something we can't live without.

CD60(10') **Backsliding to Babyhood:** Reasons why a child may revert to doing things you'd long since thought he'd outgrown.

CD61(11') **Helping Your Child Act His Age:** Stresses the fact that children must grow at their own speed, and not be molded into miniature

adults. Some of the problems of the different stages of growth are also discussed.

CD62(10') **Children's Books:** Some guides for the selection of children's books with practical "how-to-go-about-its" to find the right book for niece, nephew, son, or daughter.

CD63(9') **Housing and Personality:** Discusses some of the factors of housing that have a direct bearing on wholesome personality. The needs of children and older people are developed.

CD64(9') **Paving the Way to the Hospital:** How parents can help slay the dragons of the unknown world . . . and prepare their youngsters for the first trip to the hospital.

CD65(10') **Quarreling Children:** Discusses why brothers and sisters may be expected to have differences of opinion and suggests ways in which quarreling can be kept to a minimum.

CD66(30') **Courtship and Marriage:** Analysis of some of the reasons why people marry, and an attempt to explain why some married people become disillusioned about each other. Suggestions to make every marriage improve through the years.

CD67(8') **Stop - Look - and - Listen!:** Dramatized presentation of need for safety in the family medicine chest.

CD68(14') **Christmas Belongs to the Child:** Dramatized presentation of ways of allowing children to take part in Christmas preparation.

CD69(15') **Socio-Economic Influences upon Children's Learning:** Shows effects of different cultural levels on learning process.

CD70(15') **Development of Healthy Personality:** Starts with a newborn baby, and goes through childhood in stages.

CD71(15') **Children Who Rebel**

CD72(15') **Contribution of the School to Healthy Personality**

CD73(15') **Differences in Family Incomes and Their Effect in Later Life**

CD74(15') **God, Children, and the Present World**

TAPE RECORDINGS FOR DRIVER TRAINING

Many schools are offering courses in driver training in an effort to cut down America's accident rate. We feel that our many tape programs on the subject of Driver Training will help in educating young drivers, and impressing upon each of them the great importance of safety.

This material should prove of value in safety units in science and social studies units in grades nine through twelve.

All tapes are 15 minutes in length.

CODE	TITLE
DT1	Hazardous Driving
DT2	Drinking and Driving
DT3	Hit and Run Driver
DT4	The Driver and the Pedestrian
DT5	The Difference Between Knowing and Doing
DT6	Winter Driving
DT7	Speeding
DT8	School Bus Safety
DT9	The Cyclist and the Driver
DT10	Turning from the Proper Lane
DT11	Criminal Negligence
DT12	The Showoff
DT13	Unearned Rewards
DT14	Lights and Shadows
DT15	Good Samaritans of the Highway
DT16	Dead Right
DT17	The Pedestrian Has the Right-of-Way
DT18	Speed Spree
DT19	Prisoner 8558 Could Be You
DT20	Unhappy Holiday
DT21	The Golden Rule for Safety
DT22	Lightning Strikes Twice
DT23	False Alarm
DT24	Licensed to Kill
DT25	Mattie Gets Her Reward — Too Soon
DT26	Just One More Cocktail
DT27	Future Officer Buddy Taylor Gets His Man
DT28	The Green Light Means Caution
DT29	A Man Is Known by the Car He Keeps
DT30	Drivers Can Do More Than Doctors
DT31	Accent on Youth
DT32	A Vacation from Life
DT33	A Badge of Dishonor
DT34	Sometimes We Kill the Ones We Love
DT35	To Heaven by Accident
DT36	Care, Courtesy, Caution or Carelessness
DT37	Tom Gets a Promotion
DT38	A Little Horseplay with Horse Power
DT39	A Race with Death
DT40	A Killer Leaves a Calling Card
DT41	A Shroud for Francie
DT42	Last Horizon
DT43	Jimmy Gets a Bicycle
DT44	A Rendezvous with Sudden Death
DT45	Speed — The Demon of the Highway
DT46	Fire Chief Luke — Pedestrian Fatality
DT47	School Bus — Precious Cargo

ENGLISH — SPEECH — DRAMA

A series of programs entitled "Old Tales and New" is designed for grades kindergarten through 3.

All tapes are 15 minutes in length.

CODE	TITLE
E1	Monna the Merry-go-round Cow
E2	Elaine Who Couldn't Remember
E3	Columbus' Collie

- E4 Cuddles, the Camel
- E5 The Mystery of the Missing Jewels
- E6 The Misunderstood Cocker Spaniel
- E7 The Horse Who Loved Music
- E8 Pierre, the Remarkable Prairie Dog
- E9 Jonathan's Thanksgiving
- E10 The Story of the Slow-Coming Winter
- E11 The Most Famous Tree in the World
- E12 A Strange Occurrence in Toyland
- E13 The Very Smallest Angel
- E14 Kachoo!
- E15 The Sleepless Bear
- E16 Window Frosting
- E17 A Small Tribute
- E18 Stone Soup
- E19 The Ugly Duckling
- E20 Donald, the Disappointed Dachshund
- E21 The Emperor's New Clothes
- E22 Jack and the Bean Stalk
- E23 The Nightingale
- E24 How the Robin's Breast Turned Red
- E25 How the Easter Lily Was Chosen
- E26 The Bear Who Carried Away the Boy
- E27 The Red Rose That Faded
- E28 The Three Elephants' Vacation

These dramatizations are about animals, people, places and things with continued emphasis on holiday stories. Many of these programs are coordinated with the topics for "Let's Sing" to enable the teacher to integrate the use of both programs in her classroom. Starred stories are adaptations of familiar folk tales; the others are originals written for radio by Allis Rice and Betty Girling. Teacher's handbooks for "Old Tales and New" are available upon request.

All tapes are 15 minutes in length.

PROGRAMS ABOUT ANIMALS

- E89-B Shy Anthony Aardvark
- E90 A Yak at the County Fair
- E91 Whitney, the Neighborly Whale
- E92 The Three Billy Goats Gruff*
- E93 The Wolf and Red Riding Hood*
- E94 The Bats Who Were Besieged
- E95 The Laughing Llama
- E96 The Three Bears*
- E97 Martha Mouse's Thanksgiving
- E98 The Wistful Weasel

PROGRAMS ABOUT HOLIDAYS

- E99 Stardust
- E100 Tinsel
- E101 The Lost Puppy
- E160 Tiny Tree's Christmas
- E161 The Special Day
- E162 Very Smallest Angel's Christmas

PROGRAMS ABOUT PEOPLE

- E102 The Sleeping Beauty*
- E103 Number Twelve Jones
- E104 The King and Queen of Hearts
- E105 Washington Goes Visiting
- E106 Prince Fairyfoot*

PROGRAMS ABOUT THINGS AND HAPPENINGS

- E107 The Lonely Moon
- E108 Robert, the Tired Rabbit
- E109 Very Smallest Angel's Easter
- E110 Lump's Easter
- E111 The Brubney's and Spring
- E112 Mother Nature's Vacation
- E113 The Empty Basket
- E114 The Case of the Stubborn Turnip

The following programs are originals written for radio by Allis Rice and Betty Girling, except those starred which are adaptations of familiar folk tales.

All tapes are 15 minutes in length.

A FAIRY TALE WORLD

- E150 Cinderella*
- E151 Snow White and Rose Red*
- E152 A Disturbing Afternoon
- E153 Z. T. Grubney and Fall
- E154 Lonesome Sandman
- E155 George Goblin
- E156 It Happened on a Forest Path
- E157 Beauty and the Beast*
- E158 Rumpelstiltskin*
- E159 The Chosen One — adopting a baby sister

MANY FRIENDLY ANIMALS

- E163 Turnabout Zoo
- E164 The Near-Sighted Groundhog
- E165 The Most Unusual Teddy Bear
- E166 The Snoopy Polar Bear
- E167 A Puppy and His Best Friend
- E168 McTavish, the Sheep Dog
- E169 The Three Pigs*

FLOWERS, BUNNIES, AND VERY STRANGE HAPPENINGS

- E170 The Most Unusual Daisy
- E171 The Princess's Slipper
- E172 An Easter Bonnet for a Bunny
- E173 The Blue Easter Bunny
- E174 The Tired Train
- E175 Freddie, the Freight Elevator
- E176 The Flying Flower

High School English Radio Dramatic Adaptations. Produced and released by the National Broadcasting Company.

All tapes are 30 minutes in length.

CODE TITLE AND STAR

- E29 *Cyrano de Bergerac* — Walter Hampden
 E30 *The Barretts of Wimpole Street* — Rathbone-Straight
 E31 *The Corn Is Green* — Jane Cowl
 E32 *Dark Victory* — Celeste Holm, Walter Abel
 E33 *On Borrowed Time* — Boris Karloff
 E34 *Little Women* — Joan Caulfield
 E35 *A Tale of Two Cities* — Brian Aherne
 E36 *The Enchanted Cottage* — Gene Tierney
 E37 *A Doll's House* — I. Bergman, Brian Aherne
 E38 *The World We Make* — Jessica Tandy
 E39 *The Devil and Daniel Webster* — Raymond Massey
 E40 *Young Mr. Lincoln* — Henry Fonda
 E41 *The Citadel* — Walter Pidgeon
 E42 *The Farmer Takes a Wife* — Eddie Albert and Margo
 E43 *Icebound* — Cornel Wilde
 E44 *The Goose Hangs High* — Walter Abel
 E45 *The Lady with a Lamp* — Madeline Carroll
 E56 *You and I* — Peggy Wood and Otto Kruger

The following programs are some of the finest that have been on professional radio.

All tapes are 60 minutes in length.

- E48 *The Taming of the Shrew*
 E49 *Valley Forge*
 E50 *Mary of Scotland*
 E51 *Macbeth*
 E52 *Romeo and Juliet*

E52 through E65 are from "The Great Adventure" series, produced and broadcast by the Radio Guild of Radio Station KUOM, University of Minnesota. Each program is a dramatic presentation of some phase of the life of each person mentioned, as it was portrayed in his autobiography.

All tapes are 15 minutes in length.

- E53 *Autobiography of Cellini*
 E54 *Diary of Samuel Pepys*
 E55 *Memoirs of Cassanova*
 E56 *Confessions of Rousseau*
 E57 *Autobiography of Franklin*
 E58 *David Crockett*
 E59 *Lincoln Steffens*
 E60 *Helen Keller*
 E61 *Family Circle* — Skinner
 E62 *A Roving Commission* — Churchill
 E63 *This Is My Story* — Eleanor Roosevelt
 E64 *Life with Father* — Day

This series "Out of My Life" is composed of informal essays and thoughts in the words of great writers, past and present. They explain an interesting point of view and illustrate various styles of expressing

ideas in writing. They were prepared and broadcast over radio station KUOM as part of the University School of the Air, and are designed for senior high school, college, and adult listening.

All tapes are 15 minutes in length.

- E66 *Joseph Addison* — "Conservation" from *The Spectator* of 1711.
 E67 *Charles Lamb* — "The Superannuated."
 E68 *Samuel L. Clemens (Mark Twain)* — "Life on the Mississippi."
 E69 *Samuel McCord Cruthers* — "Every Man's Natural Desire to Be Somebody Else."
 E70 *William Allen White* — "Childhood Life in Kansas — 1870."
 E71 *Frank Moore Colby* — "The Pursuit of Humor."
 E72 *Logan P. Smith* — "Trivia."
 E73 *Donald Culross Peattie* — "Almanac for Moderns."
 E74 *William O. Douglas* — "The Naming of the Conquest of Mountains."
 E75 *E. B. White* — "Writing" writing from *One Man's Meat*.
 E76 *William Saroyan* — "The Summer of the Beautiful White Horse" from *My Name Is Aran*.
 E77 *Sherwood Anderson* — "A Writer's Copy of Realism."
 E78 *D. H. Lawrence* — "Morning in Mexico."

"Words With Music" is a series of programs which gives a descriptive biography of the poets named and relates his work to the times in which he lived. These programs are recited by Paul Mathews and originated over station KUOM.

All tapes are 30 minutes in length.

- E79 *The Poetry of William Shakespeare*.
 E80 *The Poetry of William Wordsworth and his friend Samuel Taylor Coleridge*.
 E81 *The Poetry of Francis Thompson*.
 E82 *Poems by Shelley and Keats*.
 E83 *The Works of Oscar Wilde and Charlotte Meaux*.
 E84 *The Poetic Prose of Thomas Wolfe* (narrated by Otto Carl Storr).

The following dramatic productions were adapted and performed for radio by the University of Minnesota Radio Guild members.

All tapes are 60 minutes in length.

- E85 *He Who Gets Slapped* — Leonid Andreyev — Russian melodrama showing a gay, swift moving life of a circus.
 E86 *The Cherry Orchard* — Anton Chekhov — Picture of the passing old order of Russian Aristocracy.

- E87 **Camille** — Alexandre Dumas — The story of Marguerite Gautier, clever, fashionable, and from sophisticated Parisian society, but who has never known real love.
- E88 **The Dream Play** — August Strindberg — An imaginative romance expressing the author's conception of life as a waking dream.
- E89A **Othello** — William Shakespeare — One of the four great tragedies written in Shakespeare's period of despair.

The following series of twenty-six programs were prepared at Indiana University under the direction of George W. Johnson for the "Indiana School of the Sky." They are designed for classroom use in upper elementary and junior high school classes (grades 5-9). Each one is based upon a well known library classic. They should be well suited for stimulating reading on the part of the young pupil.

All tapes are 15 minutes in length.

- E115 **Introduction: Where the Roads Lead** — the roads of adventure into the world of books are many; they lead to everywhere.
- E116 **Treasures of the Earth** — the story of men who sought "Black Gold."
- E117 **The Sky at Night** — the story of Edmund Halley, the English astronomer.
- E118 **Buried Cities** — the result of the terrible eruption of the volcano Vesuvius.
- E119 **American Strong Men** — "Mike Fink, the King of the Keelboatmen."
- E120 **Norse Heroes** — Lief the Lucky.
- E121 **Greek Heroes** — Odysseus' ten years of wandering.
- E122 **Modern Whimsey** — the amusing story of a young maple tree.
- E123 **Hot Lands** — Shim is an Arab boy who lives in the distant deserts of Persia.
- E124 **The White Continent** — the diary of Captain Robert Scott.
- E125 **The Other Americas** — Pita's pig was painted yellow with pink roses on his back.
- E126 **Cats and Dogs** — a prize winning pupil story from Indiana.
- E127 **European Lands** — Heidi, the little Swiss mountain girl.
- E128 **Explorers** — ship boy with Columbus.
- E129 **Discoverers** — William Morton brought comfort and relief from pain to the bedside of suffering patients.
- E130 **Servants of the People** — Ernie Pyle, war correspondent.
- E131 **Trail Blazers** — the Oregon Trail.
- E132 **Cowboys** — Tex and Ross Salem try their luck in the Great Western Gold Rush of 1849.
- E133 **Horses** — Ringling Brothers "The Greatest Show on Earth."

- E134 **Wild Animals** — "Africa" and "The Johnson Family."
- E135 **Family Life** — the story of a family in Fairbanks, Alaska.
- E136 **Workers** — this is the story of the Johnsons — a Negro family living near Memphis, Tennessee.
- E137 **Mountains** — men risk their lives climbing mountains.
- E138 **The Northwoods** — Timber!! — the cry of the lumbermen.
- E139 **Old Man River** — two small boys build a raft.

SHAKESPEAREAN SERIES

This series has been prepared for general listening by radio station WUOM, University of Michigan, and has been made available to Illinois schools through the courtesy of that institution.

All tapes are 30 minutes in length.

SHAKESPEARE AT WORK

- E140 **Introduction to Shakespeare.** Introduces the material which is to follow in the remaining programs by pointing up some of Shakespeare's outstanding contributions to literature.
- E141 **The Shakespearean Plot.** Discusses the three parts of a play — the beginning, the middle and the end — and illustrates these parts from *Romeo and Juliet*.
- E142 **The Shakespearean Character.** Illustrates how a writer gets across to his audience the character of his actors. Antony and Cleopatra provide the illustrations.
- E143 **Diction and Speech.** Discusses techniques and methods employed by Shakespeare to provide the best kind of speech for every occasion, high and low, plain and elaborate, description, argument, oratory, meditation. Emphasis is on his sheer command of words.
- E144 **How Shakespeare Uses Words.** By drawing illustrations from *Julius Caesar* this program considers how Shakespeare, by use of words, makes his characters, and us, do what he wants.
- E145 **The Shakespearean Atmosphere.** Discusses and illustrates from several plays various kinds of atmosphere such as romance, kinds of weather, horror, and pathos as portrayed by Shakespeare.
- E146 **Continuation of the Atmosphere Theme.** Illustrations for this program are drawn from the *Tragedy of Macbeth* with its horror and terror.
- E147 **The Shakespearean Comedy.** Illustrates the many subtle ways by means of which Shakespeare introduced comedy into his plays.

FUN WITH SPEECH

This series, E178 to E192, was produced by South Dakota School of the Air, Directed by Miss Allis Rice, and broadcast over radio station KUSD. It was planned in an effort to provide training in the field of speech to the children of kindergarten through the fourth grade. It requires the full cooperation of the teacher. Teachers Manuals for this series are highly recommended. They may be secured for 15 cents a copy, by writing to Allis Rice, Director, South Dakota School of the Air, Vermillion.

"The importance of speech can not be minimized. It is a means by which we adjust to society, and an important factor in determining our educational achievements, our economic status, and our value as a citizen. Speech lessons should be pleasant with the feeling of fun being predominant."

Kindergarten through fourth grade.

All tapes are 15 minutes in length.

- E178 "Let's Get Acquainted" Speech is an essential need in our society. The organs of our body made for eating, breathing and protection have taken on the added duties of providing us with speech. These must be trained to carry on this added duty efficiently.
- E179 "The Tired Old Man" The study of the production of the sound 'h.'
- E180 "The Motor Boat" The study of the production of the sound 'p.'
- E181 "Play Boo" The study of the production of the sound 'b.'
- E182 "The Humming Top" The study of the production of the sound 'm.'
- E183 "The Car That Wouldn't Go" The study of the production of the sound 'w.'
- E184 "Ten Little Candles" The study of the production of the sound 'wh.'
- E185 "The Mad Cat" The study of the production of the sound 'f.'
- E186 "The Big Fly" The study of the production of the sound 'v.'
- E187 "The Old Gray Goose" The study of the production of the sound 'th.' This is the breathed form of the 'th.'
- E188 "The Clock" The study of the production of the sound 't.'
- E189 "The Woodpecker" The study of the production of the sound 'd.'
- E190 "The Naughty Mosquito" The study of the production of the sound 'd.'
- E191 "The Carnival of Fun" A review of the sounds studied in the previous lessons.
- E192 "Surprise Program"

BOOK CHATS WITH FAMOUS AUTHORS

These programs are interviews conducted by Audrey June Booth of the staff of KUOM, Radio Station, Uni-

versity of Minnesota. The authors comment on many interesting people and incidents connected with the writing of the book listed. Good material for high school English and Journalism classes.

- E193 Betty Smith, *Tomorrow Will Be Better* (author of *A Tree Grows in Brooklyn*)
- E194 Robert Penn Warren, *World Enough and Time* (*All the King's Men*)
- E195 Dr. Ancel Keys, *The Biology of Human Starvation*
- E196 Mrs. John Wilson, *Minnetonka Story*
- E197 Colonel Harry Snyder, *Snyder's Book of Big Game Hunting*
- E198 Arthur Mizener, *The Far Side of Paradise* (a biography of F. Scott Fitzgerald)
- E199 Vera Kelsey, *Red River Runs North*, (a history of the Red River Valley region)
- E200 James Gray, *The University of Minnesota*, (a history of the U of M)
- E201 Same as above (continuation)
- E202 Dr. Herbert Graf, *Opera for the People* (stage director of Metropolitan Opera Company)
- E203 Maud Hart Lovelace, *The Trees Kneel at Christmas* (author of *Early Candlelight*)
- E204 Carolyn Gordon, *The Strange Children*
- E205 James Farrell (best known for *Studs Lonigan Trilogy*)
- E206 Allen Tate, poet and literary critic, professor of English at U of Minnesota
- E207 Mark Harris, *City of Discontent*, Fictionalized biography of the poet, Vachel Lindsay.
- E208 Bill Martin, *Children's Author*.
- E209 Norman Cousins, editor of the *Saturday Review*.
- E210 Bennet Cerf, *Humorous President and Random House*

The following programs consist of a series of interviews on book publications which should be of special interest to journalism students.

- E211 Interview with Paul Hillestad, director and editor of Webb Publishing Company, St. Paul
- E212 Interview with Helen Clapesattle, editor at the University of Minnesota Press
- E213 Interview with Jane McCarty, production manager of the University of Minnesota Press
- E214 Interview with Jo Byrne, sales and promotion, Webb Publishing Company, St. Paul
- E215 Interview with Walter J. Wilwerding, artist-illustrator
- E216 Interview with Robert W. Smith, Minneapolis Star-Tribune reviewer
- E217 Interview with Mrs. Alice Carlson, Manager, book department at Powers

FRENCH IN SLOW MOTION

A native Frenchman pronounces words, phrases and short sentences combined to present everyday situations and at the same time brings out the basic sounds of French. The English is given once, the French twice. These lessons for beginning students are graded for vocabulary and grammar, and are self-explanatory.

Prepared by Assistant Professor Guy Desgranges, Department of Romance Languages, University of Minnesota, and Assistant Professor Herbert Willging, St. Thomas College.

All tapes are 14 minutes in length.

CODE	TITLE
FLF1	Vowels, Accents, Silent Consonants
FLF2	OU, ON, AI, Liaison
FLF4 }	AU, EU, and review
FLF5 }	
FLF6	IN, IEN
FLF7	UN
FLF8	ILL, -IL, numbers
FLF9	GN, OIN
FLF10	GUE, GUI, numbers

GERMAN

The twenty programs listed below are designed for use in conversational German teaching by Curt Lehman, language teacher at South St. Paul High School. They are for use in beginning and second year German classes.

All tapes are 30 minutes in length.

CODE	TITLE
FLG1	German Pronunciation
FLG2	Der Wolf Und Der Fuchs
FLG3	Der Hase Und Der Fuchs
FLG4	Der Alte Wolf
FLG5	Drei Kurze Geschichten
FLG6	Das Schlaraffenland
FLG7	Das Geschenk
FLG8	Der Kleine Vogel
FLG9	Des Esels Schatten
FLG10	Till Eulenspiegel, Erster Teil
FLG11	Till Eulenspiegel, Zweiter Teil
FLG12	Baron Von Muenchhausen, Erster Teil
FLG13	Baron Von Muenchhausen, Zweiter Teil
FLG14	Die Bremer Stadtmusikanten
FLG15	Sechs Kommen Durch Die Ganze Welt
FLG16	Hans Und Gretchen
FLG17	Dornroeschen
FLG18	Das Tapfere Schneiderlein
FLG19	Deutsche Volkslieder

LATIN

These programs have been prepared by N. J. DeWitt, William McDonald, and Donald C. Swanson, of the Department of Classical Languages of the University of Minnesota.

FLL1 to FLL3 are presented on a fairly advanced level, but FLL3 should be useful in an alert 9th grade class.

All tapes are 14 minutes in length.

CODE	TITLE
FLL1	"How Words Work" The "Contrastive" approach to English and Latin linguistics; a comparison of the methods which the two languages use to express meaning.
FLL2	"How Words Change" The "Diachronic" approach to English and Latin linguistics, showing how time causes change in languages.
FLL3	"How Caesar Spoke" A discussion of the pronunciation of Latin in the first century B.C.
FLL5	"Cicero Against Catiline" An exciting dramatization of Cicero's First Speech Against Catiline, produced with professional studio facilities (sound effects, musical "bridges"). An American boy falls to sleep in study period and is taken back by a Roman narrator through the Roman Forum; he hears the excited crowd, "sees" the consul march by with his armed guard, climbs the stairway to the temple of Jupiter Stator and hears Cicero (portrayed by an experienced actor) launch his famous attack against Catiline (in Latin). About 9 minutes of English narration, followed by about 5 minutes of Cicero's speech "faded" out to the solemn conclusion where Cicero prays to Jupiter. The speech is accompanied by occasional comments in English from the narrator to clarify the trend of argument. Designed to go with the study of Cicero but valuable in any Latin class for dramatic effect.

"Quis Sum" Series Little stories in simple Latin, progressively advanced from the third or fourth week of beginning Latin. The hearer is supposed to guess the identity of the subject. FLL7 and FLL8 are entirely in simple Latin. FLL9 through FLL11 are more advanced, with vocabulary help and comments in English.

FLL7	Little Boy Blue, the Little Red Hen
FLL8	Christopher Columbus, Peter Rabbit, George Washington
FLL9	Abraham Lincoln
FLL10	Snow White and the Seven Dwarfs
FLL11	Julius Caesar

"Latine Loquimur" Series A series of dialogues in Latin (interspersed with English), graded for increasing audio-ability. They center around Marcus, a foreign visitor to an American school, who prefers to talk Latin because his English is weak. Marcus' difficulties with English and his protestations that Latin is simpler, point a moral. New Latin words and idioms are made clear by association or parallel English state-

ments. Greetings and conversational idioms are used throughout the series. All less than 15 minutes.

- FLL12 General conversation about things in the classroom. Dialogue accompanied by a third voice to clarify idioms and new vocabulary.
- FLL13 Systematic introduction of vocabulary for things in the classroom. Simple discussion of declensions and sentence structure in Latin.
- FLL14 Discussion of simple Latin sentences in Latin; structure, cases, and general rules for agreement, use of cases, parts of speech.
- FLL15 Verb forms, tenses, moods, principal parts, with a little general conversation.
- FLL16 A discussion in English of colloquial or spoken Latin, then Margarita and Carolus meet on the street and talk about everyday modern things in colloquial Latin

SPANISH IN SLOW MOTION

Six tapes, presenting the basic elements of pronunciation, with simple, everyday vocabulary. Words, phrases and easy sentences are given in gradual stages. Spanish voice: Associate Prof. James A. Cúneo, University of Minnesota. Text prepared by Assistant Prof. Herbert Willging of St. Thomas College, in collaboration with Prof. Cúneo.

All tapes are 30 minutes in length.

CODE	TITLE
FLS1	The Vowels
FLS2	S, C, and Z linking
FLS3	B and V. R and double R
FLS4	G, J, N and LL
FLS5	H, D diphthongs
FLS6	Diphthongs (cont.). NV, GU, QU. Accents

MUSICA, MAESTRO

For elementary, secondary or advanced level. Fifteen tapes designed to teach students how to sing Spanish-American songs in the original language. The Spanish pronunciation is given first, in easy stages, with the translation, and a musical background. The songs are then sung by native voices.

Prepared by Associate Prof. James A. Cúneo, University of Minnesota, and Assistant Prof. Herbert Willging, St. Thomas College, with the assistance of Mrs. Edmond Williamson, Miss Consuelo Besares, Emileo Rothsuh.

All tapes are 15 minutes in length.

FLS-MU1	Chiapanecas (Clap-Hands Song)
FLS-MU2	La Cucaracha
FLS-MU3	Cuatro Milpas
FLS-MU4	Ay Ay Ay Alla En el Rancho Grande
FLS-MU5	Cielito Lindo
FLS-MU6	La Golondrina

FLS-MU7	Cancion Mixteca
	Aquellos Ojos Verdes
FLS-MU8	Ay, Jalisco
FLS-MU	Las, Altenitas
FLS-MU10	Adios Muchachos
FLS-MU11	La Paloma
FLS-MU12	Amapola
	Adios Mi Chaparrita
FLS-MU13	A Media Luz (tango)
FLS-MU14	El Manicero (the Peanut Vendor)
FLS-MU15	La Cumparsita (tango)

GUIDANCE AND OCCUPATIONS

This series was prepared by Indiana University and designed for high school.

CODE	TITLE
G1	An Introduction to You
G2	Reaching for Maturity
G3	What Is Maturity?
G4	Interests Pay Dividends
G5	Do You Have What It Takes?
G6	Let's Look at Jobs
G7	You're on Your Own
G8	Open and Closed Doors
G9	Yourself and Your Job
G10	More About Choosing Your Job
G11	Getting Ready for Your Job
G12	Working to Learn and Learning to Work
G13	About That High School Record
G14	Test Me on This One
G15	Activities — Are They Worth It?
G16	Something to Interest Everybody
G17	Teachers Are People, Too
G18	Personality's the Thing
G19	What Is "Normal" Behavior?
G20	Your Personality and Your Health
G21	A Message to the Stag Line
G22	About Your Home Life
G23	Time on Your Hands
G24	The Truth About Yourself
G25	Let's Look at the Records
G26	Success — It's Up to You
G27	Nursing Meets Today's Challenge (UR) 15 min.
G29	What's On Your Mind? — Worrying is normal, up to a point
G30	Let's Face It — None of us is perfect but —
G31	Getting Along With Others — Achieving emotional maturity involves many trials and setbacks
G32	How Do You Measure Up? — Personality tests are amazing because of what they reveal
G33	Oh, Those Academic Walls!
G34	Can You Say It? — Learning to speak and write, puts the plus in personality
G35	What Do You Know? — What you know determines your job, friends, and the social paths you are going to follow

- G36 What Can You Do? — There is no better place than school to test those skills
- G37 Particulars on Extra-Curriculars — Student activities open a number of opportunities
- G38 How About a Date — First dances and dates need not be painful
- G39 How Do I Look? — We aren't all beautiful or big but we can make the most of our good points
- G40 Home Sweet Home — Practice the golden rule on your family and enjoy your home
- G41 Working to Learn — Today's high school student needs more than knowledge
- G42 Can You Land the Job? — Certain skills will make the job hunting easier
- G43 Are You Worth It — Do you return enough of the investment in your education to make it worth while

HEALTH

All tapes are 15 minutes in length.

CODE TITLE

- H1 500 Human Guinea Pigs (Experimental work in heart ailments reported)
- H2 That They May Live (Experimental work in children's heart diseases described)
- H3 Facts About Polio (Furnishes valuable information about possible ways of controlling polio)

"YOUR HEALTH AND YOU" SERIES, Radio Station KUOM

Deals with health problems suitable for upper elementary and Junior High School presentation.

All tapes are 15 minutes in length.

- H4 Healthful Living
- H5 Safety at Home and at School
- H6 Safety on the Highway
- H7 Why Should We Remember the 200th Birthday of Edward Jenner?
- H8 Good Nutrition and Good Health
- H9 Questions and Answers
- H10 What Is the Most Nearly Perfect Food?
- H11 We Have Many Persons to Thank for Our Good Health
- H12 The Tasks of the Digestive System
- H13 Rest and Sleep Are Very Necessary for Healthful Living
- H14 Advancing to Victory over Tuberculosis
- H15 Questions and Answers
- H16 The Skin Has Several Jobs
- H17 Bones Are Interesting and Important Structures
- H18 The Body's Air Conditioning Device
- H19 Chemical Messengers
- H20 The Story of the Blood
- H21 Taking Care of the Teeth
- H22 Questions and Answers

- H23 Some American Health Heroes
- H24 The Body's Camera
- H25 How Can We Protect Our Hearing?
- H26 Stimulants and Narcotics
- H27 Why Do We Get Sick?
- H28 Preventing Contagious Diseases
- H29 Questions and Answers
- H30 Some Diseases Spread by Animals
- H31 Insects Which Are Foes of Man
- H32 None of Us Lives to Himself
- H33 Safe and Healthful Vacations
- H34 Questions and Answers

MENTAL HEALTH SERIES

- H35 Introduction — Plan of Series, Discussion of Objectives
- H36 History of Mental Hygiene
- H37 Methods of Mental Hygiene — Research
- H38 Methods of Mental Hygiene — Education
- H39 Mental Hygiene and Other Sciences
- H40 Questions and Answers — Mental Illness Today — How Much and Why?
- H41 The Family — Role of Parents and Siblings
- H42 Changes Occurring in Family Structure
- H43 Growth Process — Learning to Handle Instinct Drives
- H44 Infancy — Role of Hunger in Learning to Live
- H45 Infancy-Anxiety — Its Meaning and Value
- H46 Infancy-Mother — Learning from Another Person
- H47 The Baby — Learning to Accept Restrictions — Toilet Training
- H48 The Baby — Learning to Handle Aggressive Feelings
- H49 The Baby — Surge of Independence — Learning by Experiment
- H50 The Pre-school Child — Competition Is Pleasant
- H51 The Pre-school Child — Thumb Sucking, Temper Tantrums, etc.
- H52 The Pre-school Child — Physical Illness and Regression
- H53 Discussion — The Child Has Learned a Good Deal About Himself
- H54 Aids to Foster and Encourage This Growth
- H55 The Child Moves Out from the House — Independence and its Significance
- H56 The Child Moves Out from the House — Narcissism
- H57 "I Love Mother" or "I Love Father" — Oedipus Complex
- H58 Consequence of This Thinking — Role of the Parent
- H59 Puberty — Questions and Answers — Accept or Reject
- H60 Puberty — The Gang, the Hero, Day-Dreaming, How Like an Adult
- H61 Adolescence — First Civilized Successes — Sports, Civics, Work, Preparation

- H62 **Adolescence** — Emancipation "Now I Can Support Myself" Trial and Error
- H63 **"My Parents Are Old Fashioned, I'm Better Than They Are"**
- H64 **Discussion** — This is not the end of growth
- H65 **Early Adulthood** — Marriage, Work, Higher Education, Organizations
- H66 **Early Adulthood** — "The First Year Is the Hardest"
- H67 **Middle Adulthood** — Success in Work, Making the Home, Having Children
- H68 **Middle Adulthood** — Children Getting Older — Threat of Failure of Work
- H69 **The Involutional Period** — Menopause, Children Go Away
- H70 **The Beginnings of Old Age** — "I'm No Longer of Value" "I've Done My Bit"
- H71 **Old Age** — "These Impudent Youngsters"
- H72 **Old Age** — "Attitude Toward Death"

"THE WORLD WITHIN"

This material deals with persons who are abnormal personality types. If they can be understood, successful relations with them may be maintained. These programs are dramatic in nature and each is followed by a discussion of the problems involved. The consultant is Dr. Roger Howell, of the Minnesota Mental Health unit. The programs are suitable for use in Senior High School classes that deal with individual social problems; and should also prove of value to college classes studying abnormal psychology, as well as for adult study groups. Available for re-broadcast over local radio stations, as a public service.

All tapes are 15 minutes in length.

- H75 **The Don Juan** — A woman killer and his problems.
- H76 **The Neighborhood Gossip** — An unhappy person spreads her unhappiness.
- H77 **The Career Woman** — What drives women to make a success in a man's world?
- H78 **Mother's Boy** — Age 30 — Mother love in action.
- H79 **The Legal Eagle** — Sam fights his neighbors, in court.
- H80 **The Young Executive** — "He couldn't say no" even if he sacrifices his family.
- H81 **Mr. Milque Toast** — How the timid soul got that way and where it could end.
- H82 **The Overprotective Mother** — Over compensation may hurt those we most desire to aid.
- H83 **The Precocious Child** — The student, Harland, is praised but makes no friends.
- H84 **The Precocious** — The Dead End Kid, Mickey, knows all the answers but has problems.
- H85 **The Prudent Professor** — Professor Eden has a mosquito as the center of his universe.
- H86 **The Old Man** — Grandpa and his problems.
- H87 **The Alcoholic** — Why drink?

HOME ECONOMICS MATERIALS

These materials have been largely prepared by members of the staff of the home economics department of the University of Minnesota. Those materials dealing with standards for purchasing home equipment have been prepared by the National Consumer-Retailer Council.

All tapes are 15 minutes in length.

CODE	TITLE
HE2	Storing Winter Clothes
HE3	Materials in Cooking Utensils
HE4	Opportunities in Foods Work
HE5	Home Economists in Business
HE6	Opportunities in the Field of Nutrition
HE7	Home Economists in Education
HE8	Minnesota Housing Study
HE9	Some Problems in Housing
HE12	Sewing Nylon and Plastics
HE13	Better Lighting for Study
HE14	Modernizing Lighting
HE15	Dining and Living Room Lighting
HE16	Bedroom and Kitchen Lighting
HE19	Freezing Summer Fruits, Vegetables, and Fish
IIE20	How to Buy Bathing Suits
IIE21	Summer Fruits and Vegetables
HE22	Buying Men's Shirts
IIE23	Buying Pots and Pans
HE24	Buying with Key Facts
HE25	Buying Living Room Furniture
HE26	Buying School Clothes
HE27	What Happens to Your Food Dollar
HE28	Buying Back-to-College Clothes
HE29	How to Buy Wool Piece Goods
HE30	Buying Bedroom Furniture
HE31	How to Buy Protein Foods
HE32	Wise Use of Consumer Credit
IIE33	How to Buy Blankets
HE34	Dry Cleaning Problems
HE35	How to Buy Mattresses
IIE36	How to Buy Women's Suits
HE37	How to Buy Baked Goods
HE38	Making the Most of Thanksgiving Food
HE39	How to Buy Plastics
HE41	Buying Occasional Furniture
HE42	How to Buy Toys
IIE43	Planning Food for the Holiday Season
HE44	Returning That Christmas Gift
HE45	How to Use White Sales
HE46	How to Buy Towels
HE47	How to Buy Frozen Fruits and Vegetables
HE48	Evaluating New Textile Finishes
HE49	How to Buy Rugs and Carpets
HE50	Buying Men's Suits
HE51	How to Buy Women's Hosiery
HE52	Buying Fish
HE53	Buying the Baby's Layette
HE54	Buying Outdoor Furniture
HE55	Buying Street Dresses

HUMAN RELATIONS

This series should answer a need for teaching materials in units on guidance, history, and social study classes, where problems of discrimination and intolerance are discussed. The series consists of 13 programs of a 15-minute dramatic recording, followed by a 15-minute panel discussion by prominent citizens who discuss the problems of prejudice and discrimination.

All tapes are 30 minutes in length.

CODE TITLE

- HR1 **The Facts of Life** with Ezra Stone . . . a dramatic program dealing with discrimination in higher education.
- HR2 **Who Speaks for San Marino?** with Tyrone Power . . . dealing with discrimination in clubs; the need for organizations like Mayor's Commissions on Human Relations to handle problems of prejudice.
- HR3 **Elephant in the Streets** with Quentin Reynolds . . . a documentary on the need for community audits.
- HR4 **The Case of Alice Pardee** with Edward R. Murrow . . . explaining the functioning of state fair employment practice legislation.
- HR5 **The Old One-Two** with Ronnie Liss . . . a dramatic program dealing with parental influence on children in creating good or bad attitudes toward groups of people.
- HR6 **An American Comes Home** with Faye Emerson . . . a dramatic program on basic human rights.
- HR7 **Sweet Music** with Walter Hampden . . . a dramatic program on housing and restrictive covenants.
- HR8 **With Malice Toward All** with Staats Cotsworth . . . a dramatic detective story dealing with group hatred.
- HR9 **Liberty Inn** with Cornel Wilde . . . a dramatic program dealing with discrimination in resorts.
- HR10 **Sky View** with Arnold Moss . . . a dramatic program dealing with discrimination in hotels and professions.
- HR11 **Party for Gino** with Martha Scott . . . a dramatic program about good human relations in a neighborhood.
- HR12 **These Small Things** with MacDonald Carey . . . a dramatic program on discrimination in housing.
- HR13 **The Man in the Plane** with Richard Widmark . . . a dramatic program dealing with human rights on the world scene.

HISTORY

Code HS1 through HS13 are from the prize winning "Tales of Minnesota" series written for the Centennial

years. They are suitable for upper elementary, junior and senior high school use.

All tapes are 30 minutes in length.

CODE TITLE

- HS1 **The Star Man** (David Thompson at Grand Portage)
- HS2 **The Sioux Treaty** (Minnesota in 1851)
- HS3 **The Homesteader** (Land Speculators and the Red River Oxcarts)
- HS4 **Lumberjack** (Pioneers in Northern Minnesota)
- HS5 **The Outlander** (Norwegian Immigration saga)
- HS6 **Schoolmarm** (Education in 1850's in Minnesota)
- HS7 **The Capitol Prank** (Joe Rolette and Politics)
- HS8 **Frontier Doctor** (Dr. Charles DeWitt and fight against frontier diseases)
- HS9 **The Wealthy Apple** (Peter Gideon and his followers)
- HS10 **The Gold Rush** (Yes, Minnesota had one in 1866)
- HS11 **The Harvest** (Wheat in Minnesota in the 70's)
- HS12 **The Crusader** (Theodore L. Haecker and the dairy industry of Minnesota)
- HS13 **The Holocaust** (James Rott and the Hinckley fire)

The following programs have been secured from the University of Indiana "School of the Sky" broadcasts, and are designed primarily for junior and senior high school use.

All tapes are 15 minutes in length.

- HS14 **Leave It to the Experts**
- HS15 **The March of Civilization Begins**
- HS16 **A Civilization of Segments**
- HS17 **Ancient Egypt**
- HS18 **The Egypt of Today**
- HS19 **The Hebrews Find a New Way of Life**
- HS20 **The Greeks Learn Quickly**
- HS21 **What the Greeks Gave Us**
- HS22 **Athens Becomes the Center of Culture**
- HS23 **The Growth of the Roman Republic**
- HS24 **Christianity Comes to Rome**
- HS25 **The Empire and the Caesars**
- HS26 **Northern Invaders**
- HS27 **Christianity Encounters a Rival**
- HS28 **Northern Sea Rovers**
- HS29 **Middle Ages — Sword and Sickle**
- HS30 **Christians in Armor**
- HS31 **Middle Ages — City Life**
- HS32 **Medieval England — A Famous Pilgrimage**
- HS33 **Cedric Goes to School**
- HS34 **Cedric Goes to a Tournament**
- HS35 **Cedric Goes to a Fair**
- HS36 **Europe Re-discovers the Far East**
- HS37 **Europe Discovers the New World**
- HS38 **Look at Ourselves — What we have and where it came from.**

- HS39 **How It All Adds Up**
- HS40 **The Old and the New** — The “tie-up” with the past is always with us.
- HS41 **Our Language Grows and Changes** — Language is a living and changing thing.
- HS42 **A King Signs** — King John signs the Magna Carta.
- HS43 **The People Build a Cathedral** — The chief comfort of the people was the church.
- HS44 **Manuscripts Become Books** — John Gutenberg of Germany made use of movable type.
- HS45 **A New Church Begins** — People asked questions and the Protestant Revolution was inaugurated.
- HS46 **Englishmen Go to Sea** — Queen Elizabeth sets about making her island strong.
- HS47 **Englishmen Come to America** — Various motives for English colonization.
- HS48 **Englishmen Change Rulers** — The Puritans break away to America and fight a long civil war under Cromwell.
- HS49 **Europe Finds Wealth in Asia** — The age of Imperialism had dawned.
- HS50 **Russia Expands** — Russia looks to the west for industrial and cultural advancement and imperialistic tendencies.
- HS51 **France Leaves North America** — The French settle Canada and the land west of the Alleghenies.
- HS52 **Americans Break Away** — English colonists feel like “Americans.”
- HS53 **Americans Plan for Education** — Grants for public education were included in the Northwest Ordinance and Horace Mann establishes public education.
- HS54 **Americans Demand Their Rights** — The Constitution was drafted with a Bill of Rights added.
- HS55 **Prussia Becomes a Power** — Germany became unified, powerful and rich, but not democratic.
- HS56 **Frenchmen Support a King** — Under Louis XIV, the nobility of France reached their height but the lot of the common man, however, was unbearable.
- HS57 **Frenchmen Revolt** — The people of Paris attacked the old Bastille.
- HS58 **A Conqueror Comes and Goes** — Napoleon Bonaparte.
- HS59 **A New Europe Appears** — A congress of European nations was held in 1814-1815 that sowed some of the seeds of World War I and II.
- HS60 **South Americans Break Away** — The people of South America and Mexico began to rise in revolt.
- HS61 **Americans Push West** — The people who moved west were looking for new financial ventures but found the Indians.
- HS62 **Factories and Cities Grow** — Manufacturing became concentrated in cities.
- HS63 **Slaves Are Freed** — The war between the states had many causes and many results.
- HS64 **Americans Conquer a Continent** — After the Civil War, western lands were rapidly settled.
- HS65 **The New World Changes the Old** — Colonists carried over into the New World the beliefs and customs of the Old World.

“**Treasures off the Shelf**,” a series of dramatic programs each based upon an historical manuscript or document in the William L. Clements Library at the University of Michigan. The distribution of these recordings is made possible through the cooperation of the Clements Library, Radio Station WUOM, and the Audio-Visual Education Center of the University.

All tapes are 30 minutes in length.

- HS66 **“The Letter to Andre”** — This drama is based upon the coded letter from General Benedict Arnold, military commander of Philadelphia, to Captain Andre.
- HS67 **“The Decoy”** — This letter, written by George Washington to General Lafayette and subsequently captured by the British, proves to have been a letter intended for capture.
- HS68 **“Preacher Trel”** — “I took this book off one of Burgoyne’s soldiers . . . October 11, 1777.”
- HS69 **“Sacrobosco’s Spheres”** — This dramatization begins on the night of December 26, 1539 aboard ship in the North Sea.
- HS70 **“Grim Journey”** — A dramatic presentation of events during the journey in the summer of 1764 of the English Captain Thomas Morris from the Lake Erie region to the French forts in Illinois.
- HS71 **“The Loyalist”** — The official Declaration of Independence was never sent to England.
- HS72 **“The Long Siege”** — During the summer of 1763, Pontiac of the Ottawas, aided by other neighboring tribes, laid siege to Fort Detroit.
- HS73 **“Valley Forge”** — This is the story of a map which could have lost the American Revolution.
- HS74 **“Path of Glory”** — A dramatization of Benjamin West’s painting of the death of General Wolf on the Plains of Abraham above Quebec.
- HS75 **“Gold for Yorktown”** — The scene is late summer, 1781. The American Army, low on food and supplies, had not been paid in months.
- HS76 **“The Crisis”** — December, 1776. Washington and his disheartened army are camped across the Delaware from Trenton.
- HS77 **“The General”** — This drama deals with the battle of Yorktown and the surrender of Cornwallis to Washington.

- HS78 "The Columbus Letter" — This dramatization is based upon the report written by Columbus on board the ship, *Nina*, on the return voyage from "Cathay."

MATHEMATICS

The following eleven programs were obtained from station WBOE, operated by the Cleveland, Ohio public schools. They deal with the subject of arithmetic for the Junior High grades. Each program has eight problems that are solved by students appearing on the program and by the listening audience. They cover the areas of arithmetic indicated by the title. The second five programs in the series are follow up programs on the first six covering the same subject matter areas and same techniques but with different problems involved. This series indicates the methods of solving problems by the use of mental arithmetic. This series was given outstanding recognition for its excellence at the 20th Institute for Education by Radio at Columbus, Ohio in May 1950.

All tapes are 15 minutes in length.

CODE	TITLE
MA1	Addition
MA2	Subtraction
MA3	Multiplication by Division
MA4	Multiplication by Addition
MA5	Units of Measure
MA6	Division
MA7	Addition
MA8	Subtraction
MA9	Multiplication
MA10	Division
MA11	Fractions

MUSIC

"LET'S SING"

Kindergarten through grade 3.

All tapes are 15 minutes in length.

CODE	TITLE
MU1	Sing a Song
MU2	Hop, Skip, and Jump
MU3	Singing in the Rain
MU4	The Leaves' Party
MU5	Black Cats and Jack-O'-Lanterns
MU6	Let's Play Together
MU7	Indian Children
MU8	A Song of Thanksgiving
MU9	In a Toy Store
MU10	Santa's Workshop
MU11	Trimming the Christmas Tree
MU12	Merry Christmas
MU13	Jack Frost
MU14	The Snow Is Dancing

MU16	Sing a Story
MU17	In a Clock Store
MU18	For My Valentine
MU19	A Birthday Party
MU20	Mother Goose
MU21	We Have a Parade
MU22	Let's Take a Trip
MU23	On the Farm
MU24	Meeting the Easter Rabbit
MU25	Easter and Spring
MU26	A Day at the Zoo
MU27	Friendly Animals
MU28	Who Loves the Rain?
MU29	On a Very Rainy Day
MU31	Our Favorite Music

"ADVENTURES IN MUSIC"

Music appreciation programs designed for Grades 4 through 8.

All tapes are 15 minutes in length.

MU32	Ignace Paderewski — Pianist and President; Minuet in G, Chopin's Revolutionary Etude, Chopin's Nocturne in E flat.
MU33	Fritz Kreisler — Beloved Violinist and Composer; Viennese Caprice, Liebesfrend, The Chinese Tamborine.
MU34	Jan Sibelius — Finland's Favorite Son; Finlandia, Valse Trieste, March from Karelia Suite.
MU35	Nicholas Rimsky-Korsakov — Orchestral Color; Golden Cockerel, Scheherazade Suite — The Sea, Spanish Caprice — Fandango of the Asturianas.
MU36	Ernest Bloch — Herald of Hebrew Music; Nigun, Schelomo, Concerto Grosso.
MU37	Georges Enesco — Romanian Rhapsodist; Largo from Bach's Concerto for two violins, Romanian Rhapsody #1, Finale of Rhapsody #2.
MU38	Edward MacDowell — Foremost American composer; To a Wild Rose, Of a Tailor and a Bear, The War Song from the Indian Suite.
MU39	John Philip Sousa — Illustrious March King; Washington Post March, El Capitan, Semper Fidelis, Stars and Stripes Forever.
MU40	George Gershwin — Promoter of Jazz; Rhapsody in Blue, Concerto in F, Ah' Got Plenty of Nothin'.
MU43	Christmas Carols Old and New.
MU44	Maurice Ravel — French Master of Spanish Music; Spanish Rhapsody — two dances, Alvarado Del Gracioso, Bolero.
MU45	Edward Elgar — Master of the King; March-Land of Hope and Glory, Love's Greeting played by Yehudi Menuhin, Dream Children.

- MU47 **Ferde Grofe** — Musical Photographer; On the Trail, from Grand Canyon Suite, Father of Waters from Mississippi Suite.
- MU48 **Anton Dvorak** — Bohemian Artist; Humoresque, First Slavonic Dance, Largo from Symphony to the New World.
- MU50 **Granados** — Writer for the Dance; Spanish Dance #6, Intermezzo from Goyas Opera, Spanish Dance.
- MU51 **Charles Giffes** — Poet and Composer; Concert Pianist, Roman Sketches — By a Lonely Forest Pathway, Pleasure, Dome of Kubla Khan.
- MU52 **Hector Villa Lobos** — Brazilian Genius; Bachianas Brasileiras #1, The Song of the Oxcart Driver.
- MU53 **Eric Coates** — Modern English Lyricist; London Again Suite, By a Sleepy Lagoon, Cinderella Suite.
- MU54 **Percy Grainger** — Folk Tunc Arranger; Brigg Fair, Molly on the Shore, Danny Boy, Country Garden.
- MU56 **Sergei Rachmaninoff** — Pianist and Composer; Melody in E major, Humoresque, Second Piano Concerto.
- MU57 **Claude Debussy** — French Impressionist; Reflection in the Water, An Evening in Granada, Moonlight.
- MU58 **Bela Bartók** — Hungarian Composer; Hungarian Folk Tunes, Romanian Folk Dances, Contrast for Violin, Clarinet, and Piano.
- MU59 **Sergei Prokofieff** — Jester in Music; Fiendish Suggestion, Finale from the Classical Symphony, Love for Three Oranges (The March, and the Scarecrow).
- MU61 **Manuel de Falla** — Spanish Rhythm Master; Life Is Short, Wedded by Witchcraft from Ballet Pantomime, The Miller's Dance from Three Corners Hat.
- MU143 **Victor Herbert** — March of Toys, Excerpts from Babes in Toyland, I'm Falling in Love.
- MU62 **Morton Gould** — Color Artist in Music; Yankee Doodle, Minstrel Show, the Ponga.

The following nine programs were broadcast over radio station KUOM, University of Minnesota, by students of the nationality groups. The commentary is good for stressing the importance of folk music as a reflection of the culture, geography, and national characteristics of a country and people.

All tapes are 30 minutes in length.

- MU63 **Northern German Folk Songs**
 MU64 **Southern German Folk Songs**
 MU65 **Austrian Folk Songs**
 MU66 **Norwegian Folk Songs**
 MU67 **Swedish Folk Songs**

- MU68 **Czechoslovakian Folk Songs**
 MU69 **Jewish Folk Songs**
 MU70 **Chinese Folk Songs**
 MU71 **Finnish Folk Songs**

MINNEAPOLIS SYMPHONY YOUNG-PEOPLE'S CONCERTS

- MU72 **Tape 1**
 Mozart — Overture to the Magic Flute
 Beethoven — Symphony #7, first movement
Tape 2
 Songs by Set Svanholm
 Strauss — Till Eulenspiegel
- MU73 **Tape 1**
 Weber — Overture to Oberon
 Haydn — Symphony #96, Minuet and Finale
 Falla — La Vida Breve: Intermezzo and Dance
Tape 2
 Mozart — Sinfonia Concertante: Theme and Variations
 Villa Lobos — The Little Train
 Wagner — Ride of the Valkyries
- MU74 **Tape 1**
 Strauss — Overture to Die Fledermaus
 Brahms — Symphony #3: third movement
 Falla — La Vida Breve: Interlude and Dance
 Piano Solos by Rudolf Serkin
Tape 2
 Piano Solos by Rudolf Serkin
 Smetana — The Moldau
- MU75 **Tape 1**
 Nicolai — Overture to the Merry Wives of Windsor
 Wagner — Forest Murmurs
 Strauss — Treasure Waltz (This is actually the first number in the program.)
Tape 2
 Britten — Young Person's Guide to the Orchestra (This is the second to last number on the program.)
- MU76 **Tape 1**
 Nicolai — Overture to the Merry Wives of Windsor
 Britten — Young Person's Guide to the Orchestra
Tape 2
 Smetana — The Moldau
 Tchaikovsky — Symphony #6: third movement

ADVENTURES IN MUSIC

In considering the world-wide contributions of composers of different nations, religions, races and ideologies, these programs musically explore the concept of Brotherhood.

All tapes are 15 minutes in length.

NATIVE MUSIC OF THE NEW WORLD

- MU77 The Music of the American Indian
 MU78 The Music of the Negro
 MU79 Folk Music of the Old South — John Henry,
 O'Sally My Dear, The Swapping Song,
 Haul Away Joe
 MU80 Cowboy Songs — Chisholm Trail, San An-
 tonio Rose, The Last Round-up, Home on
 the Range

THE MUSIC OF THE NATIONS WELDS US TOGETHER

- MU81 The English Bring Their Folk Ballads
 MU82 The French Give Us Songs of Adventure
 MU83 The Swedes Bring Gay Songs and Dances
 MU84 The Irish Bring Lirts and Jigs
 MU85 The Czechs Sing of Love of Country
 MU86 The Norwegians Teach Us Songs of the North
 MU87 The Germans Bring Waltzes and Romance
 MU88 Christmas Brings Us New Hope
 MU89 The Hungarians Bring Us Gypsy Music
 MU90 The Russians Bring Songs of Sorrow
 MU91 The Italians Bring Us Gayety
 MU92 The Mexicans Bring Us Rhythms
 MU93 The Spanish Bring Us the Dance
 MU94 The Orientals Bring Us Mysticism

RELIGIONS ADD THE MUSIC OF WORSHIP

- MU95 The Ancient Jewish Chants
 MU97 The Great Hymns of the World

THE GROWTH OF THE DEMOCRATIC IDEAL

- MU98 Beethoven Expresses Freedom Through
 Music
 MU99 Chopin Champions the Cause of Freedom
 MU100 Mine Eyes Have Seen the Glory
 MU101 Ballads for Americans
 MU102 The Airborne Symphony
 MU103 I Hear America Singing
 MU104 Palestine Folk Music

ADVENTURES IN MUSIC

Grades 4 through 8.

This series has been planned around the birthdays of composers whose lives and works will be discussed. These programs are designed to explore music as an international language capable of developing finer human relationships.

- MU133 Stephen Foster
 MU134 Franz Liszt
 MU135 Young People's Symphony in St. Paul
 MU137 Harry T. Burleigh
 MU138 Young People's Symphony in Minneapolis
 MU139 Ludwig von Beethoven
 MU140 Christmas
 MU141 Wolfgang Mozart

- MU142 Franz Schubert
 MU143 Victor Herbert
 MU144 Young People's Symphony in Minneapolis
 MU145 Frederic Chopin
 MU146 George Handel
 MU147 Leo Delibes
 MU148 Bedrich Smetana
 MU149 Samuel Barber
 MU150 Johann Sebastian Bach
 MU151 Franz Josef Haydn
 MU152 Young People's Symphony in St. Paul
 MU153 Sergei Prokofieff
 MU154 Felix Mendelssohn
 MU155 Johannes Brahms
 MU156 Sir Arthur Sullivan
 MU157 Robert Schumann
 MU158 Hector Berlioz

PROFESSIONAL EDUCATION

This series should be suitable for PTA, Education Association, and lay discussion groups use.

All tapes are 15 minutes in length unless otherwise specified.

- | CODE | TITLE |
|------|---|
| P1 | Unfinished Business (Current Problems in Minnesota Education) |
| P2 | Crisis in Rural Education (Only half of rural youth 16 and 17 are in school) |
| P3 | For These, Our Children (On the subject of teacher shortage in elementary education) |
| P4 | Education for Living (Vocational and terminal education programs aims described) |
| P5 | A Superintendent Speaks — This program describes the joint obligations of teachers and school administrators in carrying forward a sound school program. This program was prepared by one of the outstanding superintendents in Minnesota, who remains anonymous. We recommend it for use in faculty or other professional meetings. 30 minutes |
| P6 | Lift a Mountain — A dramatized event in the life of Horace Mann, the father of American education. |
| P7 | A discussion on teaching experiences with the Program of Information on World Affairs — J. Edward Gerald, Professor of Journalism, U. of Minnesota. |
| P9 | Teacher Tenure (Fair Dismissal) Avoiding the fear that results when cheap politics invade the classroom. Walter E. Englund |
| P10 | Teacher Salary Schedule — A school board will seek to establish a salary structure that will induce the right type of teachers to gravitate toward their school. The cost of education rests on society as a whole. Walter E. Englund |

- P11 **Let's Talk About Schools**—An address given by Walter E. Englund before the State School Board Association of Nebraska, January 29, 1952. 20 minutes
- P12 **I Do Not Walk Alone**—The value of a membership in the Minnesota Education Association. Walter E. Englund 12 minutes
- P13 **Problems in the Administration of Audio-Visual Education in a School System**—A talk by Paul C. Reed, Editor of Educational Screen Magazine, and Audio-Visual Coordinator of the public schools of Rochester, N. Y. Recorded at the Sixth Annual Audio-Visual Institute at the U. of M., March 1952. 30 minutes
- P15 **Are the Criticisms of the Schools Justified?**—Minneapolis January Town Meeting. Leo J. Brueckner, Malcolm B. Keck, Mrs. Agnes Sommer, Edward Haynes.
- P16A **Standards for Visual and Auditory Facilities in New and Old Buildings**—Talk given March 27, 1952, by I. O. Firswold, Director of Buildings and Business Administration, State Department of Education, at the Sixth Annual Audio-Visual Institute, University of Minnesota.
- P16B **Questions and Answers**

READING PROBLEMS IN TODAY'S SCHOOLS

In-Service Reading Program—Tape recordings of a talk presented by Dr. Guy L. Bond of the University of Minnesota at in-service meetings with Chicago, Illinois, principals and teachers, March 10-11, 1952. In four parts, tape A, B, C, and D.

- P17A **Reading Problems in Today's Schools.** Under 15 minutes. A discussion of the increasing importance of teaching students to read well in today's world; the problems faced by the teacher; the relative merits of the printed page in comparison with other methods of communication.
- P17B **A Sensible Approach to Word Recognition.** Under 15 minutes. A discussion of the various points of view in regard to word recognition techniques; the importance of word recognition; principle of recognizing words.
- P17C **A More Realistic Teaching of Reading in the Content Fields.** Under 15 minutes. A discussion of the goals of the developmental reading program; seven fundamental factors of good reading teaching.
- P17D **Adjusting Reading Instruction to Individual Differences.** Under 15 minutes. Discussion of the four types of reading experience; recommendations for a basic reading program in accordance with needs and capabilities of students.

SCIENCE

This series of twenty-six programs was prepared by Indiana University for high school use. Narration and dramatization describes progress of science through the contributions of outstanding scientists. The programs may be used individually as well as in the complete series.

All tapes are 15 minutes in length.

CODE	TITLE
SC1	Where It All Began
SC2	Herodotus Reports on His World
SC3	The Greeks Ask Questions
SC4	Aristotle Discovers How He Thinks
SC5	Galileo Tests a Theory
SC6	Sun, Moon, and Stars
SC7	The Alchemist and Scholastic
SC8	Science Emerges from Underground
SC9	Harvey and the Beating Heart
SC10	Leeuwenhoek Sees the Little Animals
SC11	Newton Fashions a New Tool
SC12	Linnaeus Makes a List
SC13	These Men Worked on Air
SC14	Dalton Finds the Atom
SC15	The Scientists Get Together
SC16	Darwin Sails on the Beagle
SC17	Mendel Learns from Flowers
SC18	Pasteur Disproves a Theory
SC19	Pavlov and His Dogs
SC20	The Mysterious Rays
SC21	Electricity Goes to Work
SC22	Radio Becomes a Reality
SC23	Cures and Preventatives
SC24	Scientists Keep in Touch
SC25	Man Takes Another Look at His Universe
SC26	A New Theory Works Out
SC27	Atomic Energy for Peace (UR). (Adults or senior high school groups)

LET SCIENCE TELL US

This series is suitable for Grades 4 through 8.

All tapes are 15 minutes in length.

SC28	What's Around Us (Environment as a whole)
SC29	Eyes to See (Careful observation)
SC30	What Do You Believe (Superstition, rumor)
SC31	It Floats (Floating objects, buoyancy)
SC32	Eureka! I Have It! (Archimedes)
SC33	Mr. Watt's Tea Kettle (James Watt)
SC34	The Steamer (Robert Fulton)
SC35	The Wright Brothers (Biographical Sketch)
SC36	At the Airport (What Makes a Plane Fly?)
SC37	Flying Weather (Weather conditions and flying)
SC38	Oil For the Car (Petroleum mining)
SC39	Why Oil? (Friction and effects)
SC40	How Do They Find It? (Geology and Petroleum)

- SC41 **The Big Hole** (Iron mining)
 SC42 **Making Iron into Steel** (Fiery furnaces)
 SC43 **The Converter** (Henry Bessemer)
 SC44 **The Eclipse** (The universe)
 SC45 **The Big Eye** (Mount Palomar)
 SC46 **Figures in the Sky** (Constellations)
 SC47 **The Great Genius** (Isaac Newton)
 SC48 **Black Diamonds** (Coal mining)
 SC49 **Where Did It Come From?** (Formation of Coal)
 SC50 **Rubber Tires** (Charles Goodyear)
 SC51 **The Savior of the South** (George W. Carver)
 SC52 **Welcome Friends** (Bird migration)
 SC53 **Look Alikes** (Heredity)
 SC54 **The Pain Killer** (Dr. Morton)
 SC55 **In the Deep** (Deep sea diving)
 SC56 **Tunnel Builders** (The Power of Air)
 SC57 **Into the Past** (Fossils and Pottery)
 SC58 **Final Edition** (Analysis fact)
 SC62 **Science in Daily Life** — Science is the why's and how's of our world and of ourselves.
 SC63 **Scientists Work Together** — The values of theoretical science.
 SC64 **Greeks Honor Their Thinkers** — The great Hellenistic thinkers were right about some things, wrong about others.
 SC65 **Science Leaves Greece** — Greek scholars fled to Asia Minor, Persia and Egypt.
 SC66 **Moslems Keep Science Alive** — The Moslems continued scientific work during the Dark Ages.
 SC67 **Science Returns to Europe** — The notions of Ptolemy, Aristarchus or Greece, Copernicus, and Bruno.
 SC68 **Galileo Passes a Crucial Test** — The teachings of Aristotle, Galileo, Copernicus and Tycho Brahe.
 SC69 **Science Finds Protection** — Scientific scholars in the sixteenth century band together.
 SC70 **Scientists Find New Tools** — In the seventeenth century new instruments were developed by practical inventors and by theoretical scientists.
 SC71 **New Ideas About Muscles and Diseases** — Superstition and untested beliefs influenced the practice of medicine from ancient times.
 SC72 **Newton Sets a Pattern** — Isaac Newton organized a system of theories and principles.
 SC73 **Scientists Follow Newton** — Hersche and Pierre Laplace make further discoveries.
 SC74 **Plants, Animals, and Rocks** — Men like Cuvier, Lamarck, Huxter and Lyell began to find new facts and new theories in geology, comparative anatomy and botany.
 SC75 **Darwin Puts It into Words** — Charles Darwin generalized the study of other scientists into a new theory.
 SC76 **More Ideas About Muscles and Diseases** — What is the nature of living tissue?
 SC77 **Pasteur Unites Chemistry and Medicine** — Microbes can be killed or made harmless.
 SC78 **Surgery Becomes Safe and Painless** — Morton, Simpson, and Lister.
 SC79 **Electricity Begins to Work** — Michael Faraday puts electricity to work.
 SC80 **New Discoveries, New Problems** — Roentgen, Thomson, Rutherford, and Planck account for radiation.
 SC81 **The Machine Age Begins** — Practical applications of theoretical science.
 SC82 **Scientists at Work** — The career of Albert Michelson illustrates how scientists keep in touch with one another.
 SC83 **Einstein Looks for a New Answer** — Albert Einstein publishes new theory of "looking at" the universe.
 SC84 **The Atom Yields Power** — $E = MC^2$.
 SC85 **How Men Behave** (Psychology) — Galton, Pavlov, Freud, Wundt, Von Helmholtz, James and Binet give us experimental psychology.
 SC86 **What Men Are Made Of** (Genetics) — How life carries on from generation to generation.
 SC87 **Many Questions Still Remain** — Unsolved problems.

ADVENTURES IN RESEARCH

The following programs have been made available by the Westinghouse Electric Corporation who have for many years sponsored this fine series carried as a regular feature by many radio stations all over the nation. *They may not be used for re-broadcast.*

All tapes are 15 minutes in length.

- SC88 **A Woman's Place** — The answer to what a woman's place can be.
 SC89 **The Weaver and the Wasp** — Heinrich Keller discovers how to make paper out of wood.
 SC90 **The Fifty Ton Gods** — A story of a barren, treeless place of mystery.
 SC91 **The Clumsy Kitten** — William Morton discovers the first successful general anaesthetic.
 SC92 **The Missing Elements** — A Russian scientist predicts new elements unknown in his time.
 SC93 **The Tractor That Needs No Road** — Benjamin Holt invents a tractor to cope with the soft peat soil in California.
 SC94 **The Kensington Stone** — Was it authentic or was it a hoax?
 SC95 **The Lucky Pin** — Walter Hunt's invention of the safety-pin.
 SC96 **The Reducing Cows** — Brought about the discovery of vitamins.
 SC97 **The Earthquake and the Squirrel** — Led to the discovery of the disease tularemia, or rabbit fever.
 SC98 **The Silver Dream** — A story which existed in the heart of a young Scotch girl.

- SC99 **Track No. 1**—Colonel John Stevens and first railroad.
- SC100 **The Barber of France**—Ambroise Pare's struggle against the superstition and ignorance of surgical practices of his day.
- SC101 **The Dutch Janitor**—Anton Leeuwenhoek, inventor of the microscope.
- SC102 **Fighter of Fire**—Alexander Latta launches the era of scientific combating of one of man's dread enemies.
- SC103 **Sister of a Star**—It has often been said that a woman is behind the success of every man.
- SC104 **The Birthday Microscope**—Robert Koch discovers the germ of a dread disease.
- SC105 **Forgotten Man of Hamelin**—Frederick Serturner, a forgotten man, who made life less painful through his discovery of morphine.
- SC106 **The King Who Wouldn't Take a Dare**—David discovers the cause of sleeping sickness with the help of a native king.
- SC107 **Prophecy of Bologna**—An ancient prophecy of an Italian town came true.
- SC108 **Road to Glory**—James Loudon Macadam's invention of a road-building technique.
- SC109 **The Purple Vapor**—Iodine is discovered when trying to improve gunpowder.
- SC110 **On Silent Wings**—The story of John Montgomery's first flight in 1884 to later trials which eventually cost him his life.
- SC111 **The Horseless Carriage**—A story of the automobile.
- SC112 **The Eleventh Commandment**—Lord Kelvin rose to scientific greatness by applying his eleventh commandment to his life.
- SC113 **The Peculiar Trumpet**—Reno Laennec's stethoscope.
- SC114 **Riddle of the Universe**—Nicholas Copernicus overthrew the belief of the earth as the center of the solar system.
- SC115 **The Marvelous Gravy**—Lazare Spallanzani, the man who first discovered where microbes came from.
- SC116 **The Modest Book Binder**—Michael Faraday's career in science.
- SC117 **Tomorrow Unlimited**—Jules Verne became an uncanny prophet of scientific achievements to come.
- SC118 **What Happened at Peshtigo**—Two of our worst conflagrations, the Chicago Fire and the great fire at Peshtigo, Wisconsin, occurred on the same day.
- SC119 **Perkin's Mistake**—The significance of this mistake on hundreds of millions of dollars worth of major industries.
- SC120 **Davy Jones's Treasure**—Man's attempt to salvage treasure by the millions on the ocean floor.
- SC121 **Monster of Imagination**—Gustave Eiffel built the Eiffel tower and lived off the money from visiting sightseers.
- SC122 **The Troublesome Chemist**—Louis Gay Lussac was fired with the desire for scientific fame at the early age of 17.
- SC123 **The Contradictory Gas**—A deadly gas, carbon dioxide, is used in thousands of ways.
- SC124 **The Mother of Invention**—Andre Garnerin's invention of the parachute.
- SC125 **The Violet and the Vacuum**—The story of a famous physicist, a shrinking violet among men, Robert Boyle.
- SC126 **The Fabulous Feather**—Joseph Bramah inventor of the penholder.
- SC127 **Man of Steel**—William Kelly, America's first steel man.
- SC128 **For Want of a Nail**—A story of the manufacture of nails.
- SC129 **Joseph Swan**—One of the early pioneers in electric lamp and lighting.
- SC130 **The Story of Spectacles**—Their original use and their use now.
- SC131 **The Man Who Nursed Pigeons**—Nicola Tesla helped bring about the electrical age in which we live.

LET SCIENCE TELL US

Grades 4 through 8.

This series emphasizes the world arena in which modern science operates as well as the cooperative action and scientific thought processes that make achievements in science possible.

All tapes are 15 minutes in length.

CODE	TITLE AND SUBJECT MATTER
SC132	The New Age —Modern Science
SC133	Paddle Wheels and Pistons —Robert Fulton
SC134	A World on Rails —James Watt
SC135	A World on Wings —Wright, Langley
SC136	Bumper to Bumper —Henry Ford
SC137	Distance Killer —Samuel Morse
SC138	New York Calling —Alexander Graham Bell
SC139	A World of Voices —Guglielmo Marconi
SC140	Pictures in the Air —Television
SC141	Lights, Camera, Action —The Motion Picture
SC142	Mr. Electron —Electricity
SC143	Food and Fulcrums —Machines
SC144	X-ray —Roentgen
SC145	Mr. Atom —Splitting the Atom
SC146	Atoms for Peace —Use of Atomic Energy
SC147	Lost in the Sky —Galileo Galilei
SC148	Star Men —Navigation
SC149	The Big Eye —Mt. Palomar
SC150	Discovering the Body —William Harvey
SC151	Microbe Masters I —Louis Pasteur, Robert Koch

- SC152 Microbe Masters II — Joseph Lister
- SC153 Wonder Drugs — Penicillin
- SC154 Nerve Network — Nervous System
- SC155 Medal for Fido — Animal Research
- SC156 Hearts and Hands — Heart Research
- SC157 Millions of Buyers — The Market
- SC158 Product Probers — Food and Drug Testing
- SC159 Career in Science — Opportunities
- SC160 Let's Look Back — Review

This series was written by Frederic Sederholm and supervised by Dr. C. H. Boeck, head of the science department at University of Minnesota High School.

- SC161 Looking for Facts — Scientific Observation
- SC162 Building Stones — Sedimentary Formation
- SC163 Fire Rocks — Granite Quarries
- SC164 Black Gold — Coal
- SC165 Industry Sinews — Iron
- SC166 Liquid Power — Petroleum
- SC167 It Blows Its Top — Volcanoes
- SC168 Rock Crushers — Weathering and Eroding Agents
- SC169 Old Faithful — Bunsen and Geyser
- SC170 Science in the Tropics — Haiti Project
- SC171 Science in the Mountains — Switzerland
- SC172 Time Tellers — Time Zones
- SC173 The Great White Plague — Tuberculosis; Robert Koch
- SC174 Circuit Shooter — Volta: The Battery
- SC175 A Law of Science — Ohm: Electric Circuit
- SC176 Making Power — Faraday: Generator
- SC177 Improving Man's Eyes — Microscope (Development)
- SC178 Weather Teller — Torricelli: Barometer
- SC179 Degrees of Heat — Fahrenheit: Thermometer
- SC180 What We Talk About — Weather
- SC181 The Weatherman — Predicting and Making Weather
- SC182 Look Alikes — Mendel: Heredity
- SC183 What Is It? — Linnacus
- SC184 The Bird Man — Audubon
- SC185 Using Your Eyes and Ears — Birds
- SC186 What Do You Believe? — Animal Stories (Superstitions)
- SC187 What Do You Believe? — Animal Stories (Fact or Fallacy)
- SC188 Buds and Sprouts — Trees
- SC189 Leaf Eaters — Insects (Caterpillars)
- SC190 Mr. Tadpole — Frogs
- SC191 Goin' Fishin'? — Fish
- SC192 Looking Backward — Overview
- SC194 The Missing Planet — New Year's Eve of 1801. Guiseppe Piazzi discovered the first small planetoid — Ceres, in the space between Mars and Jupiter.
- SC195 The First Steel Plow — A Vermont blacksmith named John Deere migrated to Illinois where he invented the first steel plow, that turned the midwest into the "Breadbasket of the World."
- SC196 Flight to the Pole — In 1896. Salomon Andree's flight was one of the great tragedies of exploration.
- SC197 Five Million Dollars Deep — What happens when five million dollars in gold and silver lie in 60 fathoms of water.
- SC198 Wilderness Train — 100 years ago, a man-made monster rumbled over the horizon in the midwest and helped change the face of America.
- SC199 Episode at Falling Creek — This program tells of the first attempt to make iron in America.
- SC200 The Flying Buzzard — At the turn of the century Congress voted \$50,000 to develop an airplane which, though it was a failure, really helped to pioneer flight.
- SC201 Mr. Wickham Plants a Seed — The story of the planting of a seed from the Hevea tree, which founded the plantation rubber industry.
- SC202 Prison of the Dead — Story of Christian Eijkman and the discovery of vitamin. Prisoners in Java were dying because their polished rice diet lacked a health giving substance present in brown rice.
- SC203 The Pirate's Pit — Almost 150 years ago, 3 boys landed on Oak Island in Nova Scotia, and what they found set off a hunt for buried treasure which still remains to be found.
- SC204 The Stubborn Warrior — Dr. Frederick G. Banting made a medical discovery that insulin would bring health and life to millions suffering from diabetes.
- SC205 David and the Dirigible — The early experiments of David Schwartz, who lived in the forests of Croatia, helped to inspire Count Ferdinand Von Zeppelin.
- SC206 The Goldsmith Who Went to War — A valiant fighter for liberty named Paul Revere was a quiet goldsmith from Boston who built the first copper rolling mill in the U.S. and founded an industry which still exists today.
- SC207 The Knotty Problem — One hundred years ago, Johnny Appleby solved the problem of tying a knot by mechanical means. This made possible the grain reaper and binder now used.

NEW WESTINGHOUSE RECORDINGS

- SC193 Humphry Davy's Last Laugh — As a 17 year old boy, his questions about the discovery of the pain killing nature of nitrous oxide and use of anaesthesia.

- SC208 **The Warning Needle**—Two men nearly lost their lives in unexplored Northern Michigan because they were following the directions of a compass needle, which was being influenced by one of the richest iron ore deposits in the world.
- SC209 **The Lost Gold Mine**—Supposedly discovered in 1864, and then lost because of hostile Indians and the fading memories of the two men who survived.
- SC210 **Father Time Himself**—Tells how an old clockmaker, Thomas Tomion, perfected the watch escapement that made modern timepieces possible.
- SC211 **The Man Who Was Too Smart**—Robert Hooke worked on the airpump, microscope, barometer, diving bell, universal joint, and many others. Yet he had time to help Newton with his theory of gravitation.
- SC212 **The Nine Lives of John Muir**—He was the father of Yosemite National Park and has among his namesakes the world's largest glacier and famous redwood forest.
- SC213 **Rock of the Devil**—Eighteenth century miners of copper ores were troubled by a mysterious impurity they called kuper-nickel. Alex Cronstedt found it to be nickel, a most essential modern metal.
- SC214 **Superman Wanted**—This program dramatizes the growth of technology and how America depends on engineers for design, plans, and the building of tomorrow. Engineers are needed badly.
- SC215 **The Mysterious Marcus**—Siegfried Marcus, back in 1865, had designed a crude vehicle powered by a gasoline motor that might be called the first automobile.
- SC216 **Sam's Secret**—In 1770, in Boulton, England, Samuel Crompton built one of the machines which helped revolutionize the textile industry and bring on the Industrial Revolution.
- SC217 **A Pot of Iron**—In 1860, in the Mesabe Hills of Northern Minnesota, a man named Leonidas Merritt made a discovery—millions of tons of iron ore lying near the surface. It took 20 years to sell his discovery.
- SC218 **The Living Element**—Pierre and Marie Curie, their study of the radiations from pitchblende which led to the discovery of radium and the beginning of the atomic age.
- SC219 **The Unlucky Inventor**—Jacob Perkins, a goldsmith and diemaker whose trade disappeared when the United States quit coining money.
- SC220 **The Fabulous Vagabond**—Paracelsus, the man who first brought chemistry to the aid of medicine, but was forced to live as a vagabond.
- SC221 **Olaas Roemer**—Assisted in determining the speed of light through his study of moons of Jupiter.
- SC222 **The Illiterate Millwright**—Born in England in 1734, he could neither read nor write but he designed mills and machinery, and a network of canals which made him famous.
- SC223 **Story of Refrigeration**—A doctor named John Gorris invented the first successful ice machine, the forerunner of the modern household refrigerator.
- SC224 **Dr. Harvey Cushing**—A pioneer surgeon whose skill helped usher in modern brain surgery and the development of the electric knife for brain operations.
- SC225 **The Man Who Erased "Never"**—The story of Ferdinand de Lesseps, who constructed the Suez Canal with the help of candy, pastries, and macaroni.
- SC226 **A Better Mousetrap**—Hiram Maxim, who invented an automatic mousetrap when only 14 years old, is best known for his invention of the automatic rifle. He also worked with smokeless powder, water sprinklers and a steam-driven airplane.
- SC227 **The Giant Maker**—Joseph Bramak, was one of England's great inventors who made every man a giant through his invention of the hydraulic press which was an important contribution to 18th century science.
- SC228 **The Earl of Stanhope**—Charles Mahon, the third Earl of Stanhope, devised an early steamboat, a method of fire proofing buildings, and hand printing press.
- SC229 **Ernest Solvay**—The story of our most vital chemical, ordinary soda. The method of manufacturing it was invented by a young Belgian scientist, Ernest Solvay.
- SC230 **Mont Pelee**—The story of the volcano which is the greatest destroyer of them all and of its devastating eruption on May 8, 1902, which buried the city of St. Pierre.
- SC231 **The Plague Fighters**—This program tells how a Japanese scientist, Dr. Kitasato, and a British physician, Dr. Liston, working in India, helped conquer one of mankind's great scourges, the Black Death or bubonic plague.
- SC232 **Healer with Light**—Dr. Niels Finsen of Denmark, an invalid most of his life, just discovered the therapeutic value of the actinic rays in sunlight, and its effect on smallpox and tuberculosis of the skin.
- SC233 **Light of the Ages**—Roger Bacon, a monk living in 13th Century England, was a scholar whom scientists regard as the living link between the Dark Ages and our present day science and technology.

- SC234 **The Salt of the Earth**—One of man's most precious possessions, a man needs 12 pounds a year. Historical battles have been waged over salt deposits. Marco Polo found salt used as money. Ten million tons are used each year.
- SC235 **Venus and the Sailor**—In 1768, Lord Sandwich sponsored an expedition to the Pacific Ocean to observe the transit of Venus. Scurvy was so prevalent with sailors that Lieutenant Cook decided to try a diet of fresh fruits and vegetables for his crew. It was successful, thereby solving a great problem for ocean navigators.
- SC236 **The Lonely Passenger**—After the first steamboat had crossed the Atlantic Ocean without passengers or freight, Lord Lindock bravely volunteered to ride from one European port to another to prove the safety of such a contraption.
- SC237 **Story of Quinine**—A soldier in Peru was sick with malaria. He drank of a pool in the forest and was cured. It was affected by conchona bark which was in the pool. From this bark quinine was made. The anopheles mosquito was found to be the carrier.
- SC238 **Clinton's Ditch**—In 1782 the city of New York was having a trying time. DeWitt Clinton was elected mayor at age 31, and later governor. The ditch was started in 1822, 363 miles long and cost \$8,000,000. First great engineering task in America or the world.
- SC239 **The Talking Soap Box**—Emil Berliner, an emigrant clothing salesman from Germany, had settled in Washington. He tried to imitate Bell's telephone and stumbled onto the principle of the microphone.
- SC240 **Full Head of Steam**—Oliver Evans, 1775. The banker's 19 year old daughter engineered a bank loan for Oliver's steam carriage. In 1804, his 2 ton scow went to the river on wheels, by its own power.
- SC241 **Cerro Bolivar**—Benjamin Franklin drew the boundary between U.S. and Canada, which included the iron ranges of Minnesota and Michigan. A mountain of solid iron ore was found in Venezuela to take the place of Minnesota's diminishing supply.
- SC242 **Clang, Clang, Clang**—The Mastodon of Main Street. In 1831, John Stevenson laid the first tracks for horse drawn trolleys. In 1879, the electric trolley operated by batteries was invented in New York. In 1910, the first trackless trolley was invented.
- SC243 **Yankee Mariner**—Nathaniel Bowditch, January 11, 1795. Merchant ship Henry sailed with Nathaniel. Dedicated himself to making navigation an exact science. He completed the first standard text, *New American Practical Navigator*, which is still used.
- SC244 **The Stanley Steamer**—The story of the identical Stanley twins, Francis and Freeland, who designed a steam driven automobile. In 1899, they manufactured 200 cars that became the first commercial cars in the world. In 1906, it was the first car to run 2 miles per minute.
- SC245 **The Sound Heard Round the World**—In 1831, Albany Academy, Professor Henry showed a class a telegraph he had made. Samuel Morse and Alfred Gail designed another telegraph with a sounder and key, which has been used around the world.
- SC246 **The Dandy-Horse**—In 1769, Cecil Oglevie, in London, designed a bicycle. In 1816, in Paris, a dandy-horse became the rage of the continent. In 1865, the velocipede or bone-shaker was sold in England. In 1876, a safety bicycle was invented and remains essentially the same today.
- SC247 **The Master of Munich**—In 1834, the first completed accurate check was made on an epidemic of cholera that swept Europe. Dr. Von Pepinkoeffer took the germs himself and lived. He was the founder of hygiene and sanitation.
- SC248 **Twentieth Century Cave Man**—Sir Arthur S. Woodward—Argentina and Chile border dispute brought about the discovery of a giant hairy sloth dead over 2,000 years. A skull of a woman 50,000 years old was found in Sussex.
- SC249 **The Porcelain Dream**—In 1540, Bernard Pallaci was inspired by the sight of an oriental cup to make pottery, which made him famous in Europe, but he died in prison.
- SC250 **The Man Who Shod the Wheel**—In 1884, Belfast, Ireland, Dr. Dunlop, a veterinarian, had a little son whose tricycle threw him to to the pavement. He designed a pneumatic tire for the tricycle and found it faster and easier to ride. In 1890 it became standard on all English and American bicycles. Horseless carriages came next.
- SC251 **Too Good to Last**—In 1840 Henry Worthington built a steam canal boat but was driven off the canals. He then designed a pump that won a boat race and revolutionized the use of pumps all around the world.
- SC253 **Papin and the Pressure Cooker**—An experiment in pressure cooking for the British Royal Society was the beginning of steam power machines but wasn't developed until two generations later.

- SC252 **Mister Parson's Dream Boat**—In 1880 the Arizona crossed the Atlantic in 7 days 10 hours with reciprocating engine. Charles Parsons built a turbine driven boat in 1896 called Turbina, which travelled at 34½ knots. Mauratania, 800 feet long, made 26½ knots.
- SC254 **Quiet, Please**—Archibald Lowe, the man who photographed sound. London underground railway was too noisy for him so he helped to silence it by tracking down the source of the noise.
- SC255 **Wheel of Life**—Professor Jos Plateau of the University of Belgium at Ghent, Science of Optics. Persistency of vision. Although blind, he invented the first moving picture machine, which he called a photoscope.
- SC256 **Wrong Road to Fame**—Nicholas Cuneo, 1763, steam driven cart. William Murdock invented a steam cart, which the Vicar requested him to destroy.
- SC257 **Lazy Humphrey**—Thomas Newcomin invented the first steam engine to pump water from mines in England. Humphrey Potter, who had to work the valves, invented the first automatic steam valve because he'd rather go fishing.

STATE HIGH SCHOOL SPEECH CONTEST, 1952 AND 1953 (ILLINOIS)

We have added the finals of the 1952 and the 1953 State High School Speech Contests. We can record individual speeches, groups of speeches, or both the entire contests.

CODE EVENT

- SP1 Prose Reading Event
 SP2 Original Oration
 SP3 Extemporary Verse Reading
 SP4 Oratorical Declamation
 SP5 Original Monologue
 SP6 Extemporary Speaking
 SP7 Radio Speaking

SOCIAL STUDIES

"For These We Speak" (U.S. Office of Education) dealing with mental health and suited for senior high and adult groups.

All tapes are 15 minutes in length.

CODE TITLE

- SS1 **The Story of Louise Mapleton** (Accomplishments of a well run mental hospital. Helen Hayes)
- SS2 **The Case of Cynthia Edwards** (Home cure for mental cases. Helen Hayes)
- SS3 **P. O. Gets Another Chance** (Employer aid in mental recovery.)

- SS4 **Aunt Milly and the Family Skeleton** (Mental illness is no disgrace.)
- SS5 **Hats Off to Sarge** (Role of hospital attendants.)
- SS6 **Joe Chandler Gets a Lift** (Psychological problems of veterans.)
- SS7 **The Kopee's Dilemma** (Role of a mental health clinic.)
- SS8 **Forgotten Children** (Through proper normal mental care, defectives can be useful to the community.)
- SS9 **The Story of Joseph Pulitzer**
- SS10 **Story of Woodrow Wilson**
- SS11 **Story of Jane Addams**
- SS12 **Story of Brandeis-Holmes**
- SS13 **Story of Joseph Goldberger**
- SS14 **Story of Wendell Wilkie**
- SS15 **Story of Franklin Delano Roosevelt, Part I**
- SS16 **Story of Franklin Delano Roosevelt, Part II**
- SS17 **Story of Al Smith**
- SS18 **Story of George Washington Carver**

"Look What We Found" series. SS53, 57, 60, 65, 66, 67, 69, are not available for rebroadcast. Grades 4 through 8.

- SS51 **A Forest Ranger**
- SS52 **A Farm at Threshing Time**
- SS53 **The Forgotten American**
- SS54 **The Merritts of Mesabi**
- SS55 **A Game Warden**
- SS56 **A Patrolman, J. G.**
- SS57 **A Living Legend**
- SS58 **Pictures in the Air**
- SS59 **A Package for the People**
- SS60 **A Lighthouse Keeper**
- SS61 **Little Christmas**
- SS62 **Seeds and Seeds of Christmas Gifts**
- SS63 **Holiday Hymn**
- SS64 **The Feast of Lights**
- SS65 **Printer's Ink**
- SS66 **Lions, and Tigers and Monkeys, Too**
- SS67 **The Great Gold Rush**
- SS68 **Four Keys for Living**
- SS69 **An Assembly Line**
- SS71 **A Page from History**
- SS72 **Trains! Trains! Trains!**
- SS73 **Kites for Kids**
- SS74 **His Excellency, the Governor**
- SS75 **Jelly Beans and Chocolate Drops**
- SS76 **An Easter Prayer**
- SS77 **Junior Artists**
- SS78 **A Midnight Ride**
- SS79 **Batter Up!**
- SS80 **A Fish Story**

The following 13 programs were produced by radio station KUOM, University of Minnesota as part of their "Folklore Makes History" series. They are a blending of history and English that will make them

suited to use in either group and in fusion courses. They are a combination of narration and dramatization with the narration done by Dr. Phillip Jordan, Professor of History at the University of Minnesota.

All tapes are 15 minutes in length.

- SS83 The Strange Sickness of Babe, the Blue Ox (Paul Bunyan)
- SS84 Major Jones Pops the Question (Southern Galantry)
- SS85 The Perfect Crime of Jesse James (Frontier Legend)
- SS86 The Mystery of the Marie Celeste (Sea Legends)
- SS87 The Monn's Quaker Hat (Quaker Legend)
- SS88 Anna Robinson, Scullery Maid (The Cinderella Legend)
- SS89 University Days (Modern Satire)
- SS90 The Death of Wild Bill Hickock (Frontier Tragedy)
- SS91 The Public Landing (Frontier Politics)
- SS92 The Snipe Hunt (Frontier Humor)
- SS93 Wiley and the Hairy Man (Negro Legend)
- SS94 The Albino Crow (Newspaper Yarn)
- SS95 The Baker's Dozen (Holiday Legend)

All tapes are 30 minutes in length.

- SS96 The New Canada
- SS97 Let's Celebrate. Minnesota has a large number of days ranging from the Acquatennial to "Box Car Day" in Tracy.
- SS98 The Kensington Rune Stone. This is a recorded interview with Olof Ohman, the man who, as a small boy, found this controversial relic on his father's farm. This program may be used to good advantage with the program of the same name listed under the "Adventures in Research" series in the science section.
- SS99 President Truman's State of the Union Message, January 4, 1950, 45 minutes.
- SS100 President Truman's Korea Message, July 15, 1950.

The following programs have been made available on tape transcription through the courtesy of the National Broadcasting Company and their Twin Cities outlet station, KSTP. Permission to duplicate these programs for classroom use has been granted by Mr. George Heller of AFRA and Mr. Caesar Petrillo of ARM.

All tapes are 30 minutes in length.

"AMERICA UNITED"

- SS101 Report on Korea — an account of what the United Nations is doing about Korea.
- SS102 How to Save Asia — what can we do?
- SS103 Is Agriculture Prepared? — for war.

"UNIVERSITY OF CHICAGO ROUND TABLE"

- SS104 Understand Nutrition and Live Longer
- SS105 Great Ideas of the Ages — great ideas from 443 "Great" books by 74 authors.
- SS106 What Do We Know About Psychoanalysis?
- SS107 The Schumann Plan — what it means to Europe and Britain.
- SS108 Psychological Techniques — will they prevent war?
- SS109 Korea — what are the people and countryside like?
- SS110 Views of a United World — is it possible?
- SS111 Security and Arms Control — can it be done?
- SS112 Turning World Resources to World Welfare

"AMERICAN FORUM OF THE AIR"

- SS113 Is Boxing Legalized Murder?
- SS114 Where Is Our Economy Headed? — are we in a dangerous boom year?
- SS115 The Railroad Labor Crisis — what can we do to stop Railroad strikes?
- SS116 Our Transportation System — is it good or bad?
- SS117 Social Security — how far should government go and what responsibility should industry take?
- SS118 National Security — can we get it?
- SS119 Is the Constitution a Modern Instrument of Government?
- SS120 New Approaches to Foreign Policy — do we need a new one?
- SS121 What Does Little Business Want?
- SS122 What Does CVA Mean to You? — is it vital?

"LIVING — 1950"

- SS123 Divine Form — changing styles in the feminine figure.
- SS124 What's Happened to the Horse? — social history of the times.
- SS125 The National Wish Book — picture of the American culture pattern as contained in the Sears Roebuck catalogs between 1905 and 1935.
- SS126 Incredible Tales (book) Gerold Johnson — the story of our world wars.
- SS127 Hot Enough for You? — a story about the sun.
- SS128 Hello Sucker — behind the scenes of gambling.
- SS129 Quarters in the Balance — the Korean War.
- SS130 Pin Point Berlin — what is happening there?

"THE QUICK AND THE DEAD"

- SS131 The Atomic Bomb — Bob Hope is interested. 30 minutes
- SS132 Hydrogen Bomb — its possibilities. 60 minutes
- SS133 A Forum on the Far East — George Grim and Harold S. Quigley. 15 minutes

"LOOK WHAT WE FOUND"

Grades 4 through 8

This series follows no single subject matter field, but contributes to many areas of prime educational value to children. Considers through interview, drama, music and narration, areas of interest to children within the concepts of the Four Freedoms: Freedom of Speech, Freedom of Religion, Freedom from Fear, Freedom from Want. The primary objectives of the series are general enrichment, deeper understanding of human relationships, expanding horizons, and an examination of community resources especially intended for children.

All tapes are 15 minutes in length.

- SS148 **Far Horizons** — Balboa
- SS149 **Peacetime Army** — Salvation Army
- SS150 **A Lonely Traveler** — Roger Williams, 1635
- SS151 **Barter and Banks** — Money
- SS152 **The Biggest Family in the World** — United Nations Day, October 24
- SS153 **House of Learning** — Education Week, November 5-11
- SS154 **A Man Who Could Dream** — Woodrow Wilson
- SS155 **Stacks and Stacks of Books** — Book Week November 12-18
- SS156 **Outpost of History** — Grand Portage, Minn.
- SS157 **Flight into the Future** — Charles Lindbergh 1927
- SS158 **Mountains of Mail** — The Post Office
- SS159 **Twentieth Century Pilgrims** — The Holy Year
- SS160 **Voyage of Hope** — The Pilgrims
- SS161 **Journey Westward** — The Mormons
- SS162 **The Peacemakers** — The Quakers
- SS163 **A Brand New Citizen** — Immigrants
- SS164 **Victory over Fear** — Franklin Roosevelt
- SS165 **The Enemy Whose Rite Was Death** — Yellow Fever
- SS166 **The Man Who Printed the Truth** — Zenger Case 1734-1735
- SS167 **The Freedom Paper** — 1215 A.D. — Magna Charta
- SS168 **A Mighty Document** — The U.S. Constitution
- SS169 **Baskets and Backboards** — Basketball Season
- SS170 **The Pony Express** — Pioneer Communication
- SS171 **Flying Words** — Radio
- SS172 **The Top of a Cop** — Policeman
- SS173 **Border Patrol** — Customs Officials
- SS175 **Exodus, 1951** — Passover
- SS176 **Those Who Serve in White** — Hospitals

"THE WORLD OF IDEAS"

Grades 4 through 8

These programs attempt to document idea areas important in today's thinking: What Other People Think of Us, The Problem of the American Indian, The Im-

portance of Considered Judgment, and the Cost of Freedom. The last twelve programs in this series, which have been broadcast by KUOM, University of Minnesota, were made available through the courtesy of Josephine Wetzler, director of School Time, Station WLS, Chicago. This "Atomic Energy" series has been used in the Chicago schools and is recommended for grades five through nine.

All tapes are 15 minutes in length.

COMMENTS AND CRITICISMS

- SS177 **"Sherlock from Asia"** — Interview with an Indian Student
- SS178 **"Confused Clues"** — Interview with a German Student
- SS179 **"Good Neighbors Go Sleuthing"** — Interview with a South American Student
- SS180 **Penny and Paul: Find the Clues** — Review and Introduction
- SS181 **"The Case of the Vanishing American"** — The American Indian in History
- SS182 **"Solution Unknown"** — Indian Life in a Large City
- SS183 **"The Mystery That Wasn't"** — Interview with an American Indian
- SS184 **"Pieces of the Puzzle"** — Life On Indian Reservations
- SS185 **Penny and Paul: Something New** — Review and Introduction

THE SILENT MOMENT

- SS186 **"The Good Neighbor"** — Franklin Roosevelt
- SS187 **"He Dared to Love His Country"** — David Crockett
- SS188 **"A Walk at Midnight"** — Abraham Lincoln
- SS189 **"Blessed Are the Peacemakers"** — Ralph Bunche
- SS190 **Penny and Paul: Remember What's Important!** — Review and Introduction

DUTY WAS THEIR CONSCIENCE

- SS191 **"The Eagle of San Domingo"** — Toussainte L'Ouverture
- SS192 **"For Him — No Escape"** — Socrates
- SS193 **"I Sail for Liberty"** — John Ordronaux
- SS194 **"Lost Letter"**
- SS195 **Penny and Paul: Ideas Seem So Big** — Review and Introduction

ATOMIC ENERGY

- SS196 **"Road to the New World"**
- SS197 **"Signals from Atom-Land"**
- SS198 **"Mapping the Invisible"**
- SS199 **"Bombarding the Citadel"**
- SS200 **"A Mystery Is Solved"**
- SS201 **"A New World Is Entered"**
- SS202 **"The Secret Was Teamwork"**

- SS203 "From Alamogordo to Today"
 SS204 "Frontiers in Medicine"
 SS205 "Frontiers in Agriculture"
 SS206 "Looking Ahead"
 SS207 Penny and Paul: End of a Journey — Review and Summary

NEW PATRIOTIC RECORDINGS

- SS208 **The Flag of the United States of America** — It begins with the Pilgrims, and then the Minute Man holding his ground at Concord and Lexington. Washington, Jefferson and Franklin are brought in, as well as John Marshall laboring as Chief Justice to establish this government of laws. Written by Floyd and Leila Whitney. Narrated by Franklyn McCormack.
 SS209 **The Republic for Which It Stands** — Companion to the Flag of the United States of America. A special reading that stirs young people with a new understanding of America and love of their flag.
 SS210 **The Gettysburg Address** — Beautifully spoken, with all the inspiration and simplicity of that great speech.
 SS211 **American Patriots Speak** — Timely quotations from Lincoln, Webster, and Washington.

UNIVERSITY OF ILLINOIS BAND

The world-famous University of Illinois band has released some of its finest selections for use by the Audio-Visual Aids Tapes for Teaching Service. This is an outstanding musical offering in every sense of the word.

Anderson: Belle of the Ball; Serenata; Sleigh Ride; Horse and Buggy
 Bach: Prelude, Chorale, and Fugue
 Beethoven: Egmont Overture; Polonaise; Elissaie

Bennet, D.: Lilt of the Latin
 Bennett, R. R.: Suite of the Old American
 Brahms: Variations on a Theme by Haydn
 Copland: Lincoln Portrait
 Creston: Zanoni
 Davidson: Auto Accident
 Drews: Festival
 Fauchet: Symphony in B flat
 Franck, C.: Psyche and Eros
 Gershwin: Two songs from Porgy and Bess
 Gillis: Portrait of a Frontier Town
 Goldman: America; Anniversary; Chimes of Liberty; Happy-Go-Lucky; Illinois; On the Mall
 Guild: Illinois Loyalty
 Illinois: Three in One
 Ingalls: Andante
 Jacob: Music for a Festival
 Kachituran: Masquerade Suite
 Kalinnikov: Scherzo, Symphony No. 1
 Liszt: Les Preludes
 Mac Dowell: Sea Pieces
 McDonald: Rhumba, Symphony No. 2
 Mehl: Overture in F
 Persichetti: Divertimento
 Richards: Crusade for Freedom
 Rogers: The King and I (Selections)
 Saint-Saens: March Militaire Francaise
 Schubert: Ave Maria
 Schumann: George Washington Bridge; Newsreel Suite (five shots)
 Sharman: Concert in the Park
 Skinner: The Shawl Dance; Tap Roots
 Sousa: George Washington Bi-centennial; The Gridiron Club; The Stars and Stripes Forever
 Strauss: Dance of the Seven Veils, from Salome; Waltzes from Der Rosenkavalier
 Wagner: Brunnhilde's Awakening; Entry of the Gods into Valhalla; Die Meistersinger Overture; Invocation of Alberich
 Weinberger: Polka and Fugue from Schwanda

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BILLING INSTRUCTIONS:

(Continue on reverse side)

[illegible]

(Do not fill in)

BILLING INSTRUCTIONS:

City and State

In accordance with rules governing the service (in current catalog) please reserve the following filmstrips:

[illegible]

[illegible]

FILMSTRIP TITLE.

Week Requested

DO NOT FILL IN

(These three columns are to be filled in by V. A. S.)

1st choice

2nd choice

Shipping
date

**Use date
or dates**

Reference
number

[illegible]

SHIPPING INSTRUCTIONS:

BILLING INSTRUCTIONS:

City and State

In making substitutions please observe the following restrictions or schedule.

NOTE: FILMSTRIPS ARE 35 MM.

In accordance with rules governing the service (in current catalog) please reserve the following filmstrips:

[illegible]

(Continue on reverse side)

FILMSTRIP TITLE

Week Requested

DO NOT FILL IN

(These three columns are to be filled in by V. A. S.)

1st choice

2nd choice

Shipping
date

Use date
or dates

Reference
number

SHIPPING INSTRUCTIONS:

BILLING INSTRUCTIONS:

(Do not fill in)

City and State

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[illegible]

(Continue on reverse side)

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Week Requested

DO NOT FILL IN

(These three columns are to be filled in by V. A. S.)

1st choice

2nd choice

Shipping
date

Use date
or dates

Reference
number

APPLICATION FOR TAPE RECORDINGS

Patron's Purchase Order No. _____ Date _____

SHIPPING INSTRUCTIONS:

Institution _____
Patron's Name _____
Street Address _____
City and State _____

BILLING INSTRUCTIONS:

Individual or Institution (If school please give district number) _____
Official to be addressed _____
Street Address _____
City and State _____

WE ARE SENDING YOU UNDER SEPARATE COVER _____ BLANK TAPES

WE WISH TO PURCHASE _____ BLANK TAPES

(Type A, B, Paper, Plastic, Professional, Standard, Other)

OF _____ FOOT LENGTH _____

FOR RECORDINGS OF THE FOLLOWING TAPE PROGRAMS

IDENTI- FICATION CODE	TITLES	RUNNING TIME	RECORD- ING PRICE	WHEN NEEDED	

LIST ANY ADDITIONAL CHARGES ON THE BACK

Total charge for recordings

Charge for tapes (if any)

Total Charges

MY EQUIPMENT OPERATES AT 1 7/8", 3 3/4", 7 1/2", OR 15" PER SEC. (CIRCLE APPROPRIATE RUNNING SPEED)

NAME OF EQUIPMENT _____ MODEL NUMBER _____



APPLICATION FOR TAPE RECORDINGS

Patron's Purchase Order No. _____ Date _____

SHIPPING INSTRUCTIONS:

Institution _____
Patron's Name _____
Street Address _____
City and State _____

BILLING INSTRUCTIONS:

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Street Address _____
City and State _____

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(Type A, B, Paper, Plastic, Professional, Standard, Other) _____

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Total charge for recordings
Charge for tapes (if any)
Total Charges

MY EQUIPMENT OPERATES AT 1 7/8", 3 3/4", 7 1/2", OR 15" PER SEC. (CIRCLE APPROPRIATE RUNNING SPEED)

NAME OF EQUIPMENT _____ MODEL NUMBER _____

VISUAL AIDS SERVICE
DIVISION OF UNIVERSITY EXTENSION
UNIVERSITY OF ILLINOIS
CHAMPAIGN, ILLINOIS

1954		1955	MARCH					1955
F	S	S	M	T	W	T	F	S
3	4			1	2	3	4	5
10	11	6	7	8	9	10	11	12
17	18	13	14	15	16	17	18	19
24	25	20	21	22	23	24	25	26
		27	28	29	30	31		

1954		1955	APRIL					1955
F	S	S	M	T	W	T	F	S
1	2						1	2
8	9	3	4	5	6	7		9
15	16	10	11	12	13	14	15	16
22	23	17	18	19	20	21	22	23
29	30	24	25	26	27	28	29	30

1953		NOVEMBER					1953
S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25			28	
29	30						

1954			MAY			1954	
S	M	T	W	T	F	S	
						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

1954		NOVEMBER			1954	
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24			27
28	29	30				

1955		MAY			1955	
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1953		DECEMBER					1953
S	M	T	W	T	F	S	
		1	2	3	4	5	
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24			

1954		JUNE			1954	
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1954		DECEMBER				1954	
S	M	T	W	T	F	S	
			1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24		

1955			JUNE				1955	
S	M	T	W	T	F	S		
			1	2	3	4		
5	6	7	8	9	10	11		
12	13	14	15	16	17	18		
19	20	21	22	23	24	25		
26	27	28	29	30				

1954		JANUARY					1954	
S	M	T	W	T	F	S		
					1	2		
3	4	5	6	7	8	9		
10	11	12	13	14	15	16		
17	18	19	20	21	22	23		
24	25	26	27	28	29	30		
31								

1954		JULY					1954	
S	M	T	W	T	F	S		
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		

1955		JANUARY					1955
S	M	T	W	T	F	S	
						1	
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	
30	31						

1955			JULY			1955	
S	M	T	W	T	F	S	
					1	2	
3	4	5	6	7	8	9	
10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31							

1954		FEBRUARY					1954
S	M	T	W	T	F	S	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28							

1954		AUGUST					1954
S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

1955		FEBRUARY				1955
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

1955		AUGUST					1955
S	M	T	W	T	F	S	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	31				

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UNIVERSITY OF ILLINOIS, CHAMPAIGN, ILLINOIS
TEL. 7-6611, EXT. 518 OR 519

VISUAL AIDS SERVICE

DIVISION OF UNIVERSITY EXTENSION

UNIVERSITY OF ILLINOIS

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NAME _____

ADDRESS _____

CITY _____ STATE _____

CALENDARS

1953		SEPTEMBER					1953
S	M	T	W	T	F	S	
		1	2	3	4	5	
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30				

1953		OCTOBER					1953	
S	M	T	W	T	F	S		
				1	2	3		
4	5	6	7	8	9	10		
11	12	13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	31		

1953		NOVEMBER					1953
S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25			28	
29	30						

1953		DECEMBER				1953	
S	M	T	W	T	F	S	
		1	2	3	4	5	
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
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1954			JANUARY			1954	
S	M	T	W	T	F	S	
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10	11	12	13	14	15	16	
17	18	19	20	21	22	23	
24	25	26	27	28	29	30	
31							

1954		FEBRUARY					1954
S	M	T	W	T	F	S	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28							

1954		MARCH					1954
S	M	T	W	T	F	S	
	1	2	3	4	5	6	
7	8	9	10	11	12	13	
14	15	16	17	18	19	20	
21	22	23	24	25	26	27	
28	29	30	31				

1954			APRIL			1954	
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4	5	6	7	8	9	10	
11	12	13	14	15		17	
18	19	20	21	22	23	24	
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1954			MAY			1954	
S	M	T	W	T	F	S	
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1954		JUNE					1954
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1954			JULY			1954	
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25	26	27	28	29	30	31	

1954		AUGUST					1954
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8	9	10	11	12	13	14	
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1954		SEPTEMBER					1954	
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5	6	7	8	9	10	11		
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1954			OCTOBER			1954	
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1954		NOVEMBER					1954
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1954		DECEMBER				1954	
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1955			JANUARY			1955	
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1955		FEBRUARY					1955
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1955		MARCH					1955
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1955		APRIL					1955	
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1955			MAY			1955	
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1955			JUNE			1955	
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26	27	28	29	30			

1955			JULY			1955	
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31							

1955		AUGUST				1955	
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